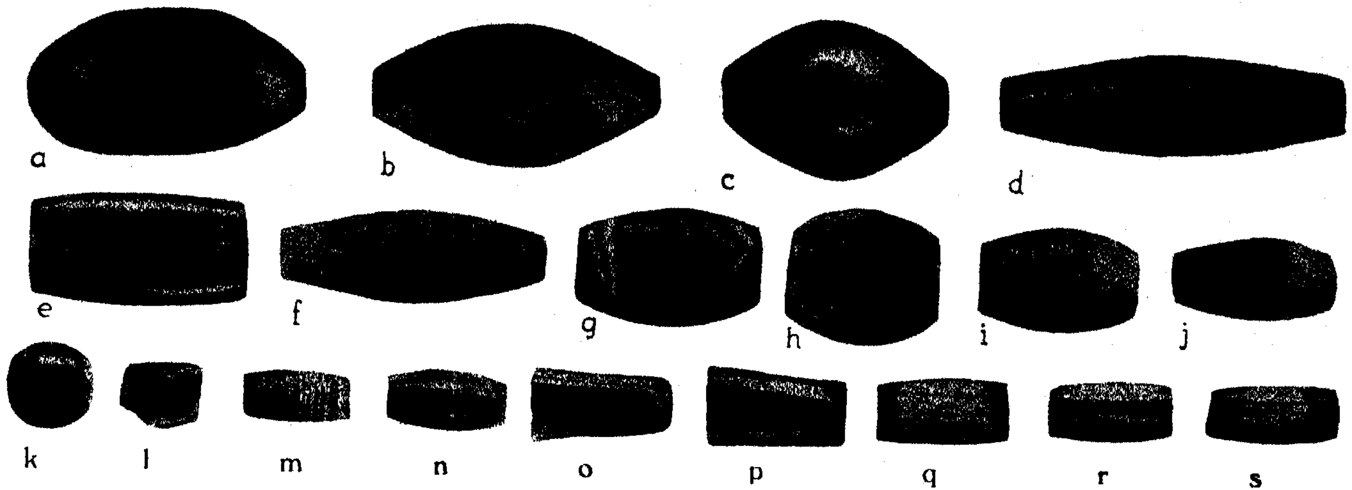


FIG. 1. BEADS OF AGATE.

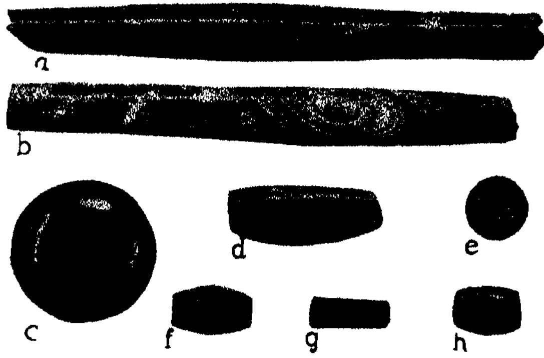


FIG. 2. BERDS OF CARNELIAN.

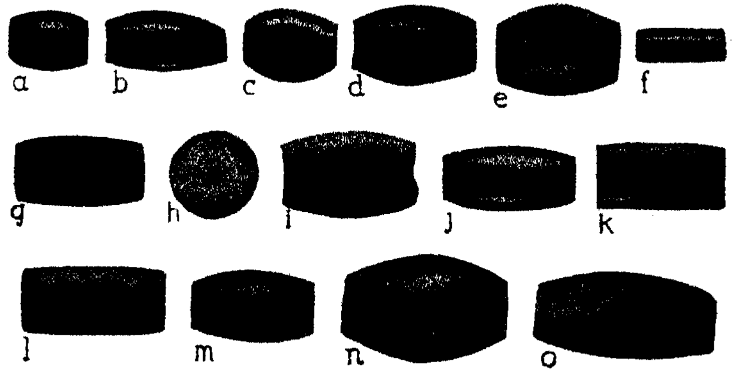


FIG. 3. BEADS OF VARIOUS SILICATE STONES *a—f.* JASPER, *g—k.* CHERT, *l—n.* CHALCEDONY, *o.* MILKY QUARTS.



FIG. 4. ETCHED CARNELIAN BEADS.



FIG. 5.

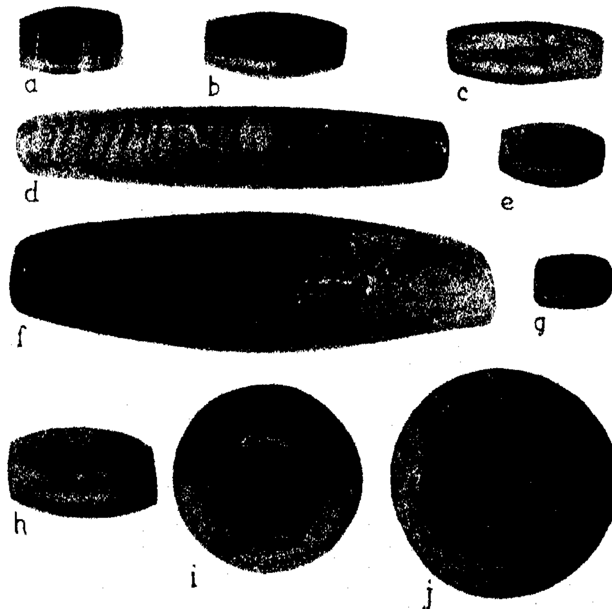


FIG. 6. BEADS OF LIMESTONE & STALAGMITE.

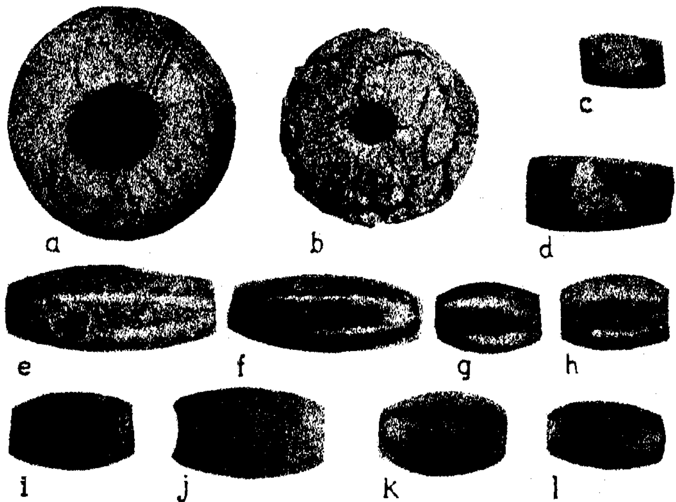


FIG. 7. BEADS OF SUNDRY STONES. *a* & *b*. MARBLE, *c*. CALCITE, *d*. HORNBLENDE, *e—g*. SERPENTINE, *h*. DIORITE, *i* & *j*, LAPIS, *k* & *l*. JADEITE.

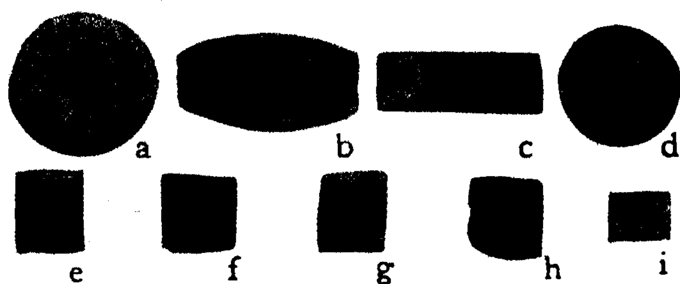


FIG. 1. BEADS OF NATURAL STEATITE.

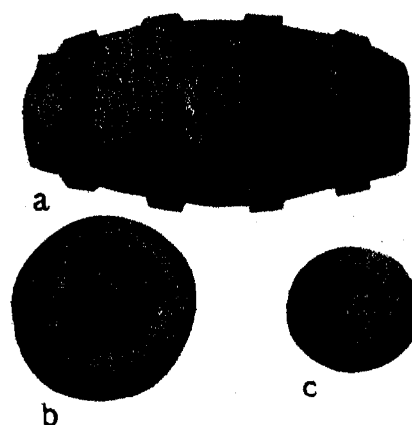


FIG. 2. ZONE BEADS OF BURNT STEATITE.

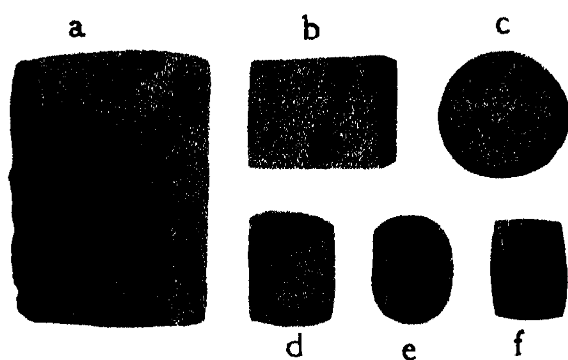


FIG. 1. SPACING BEADS OF BURNT STEATITE.

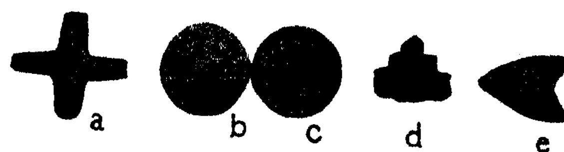


FIG. 4. CROSS, STEP & TOOTH BEADS OF BURNT STEATITE.

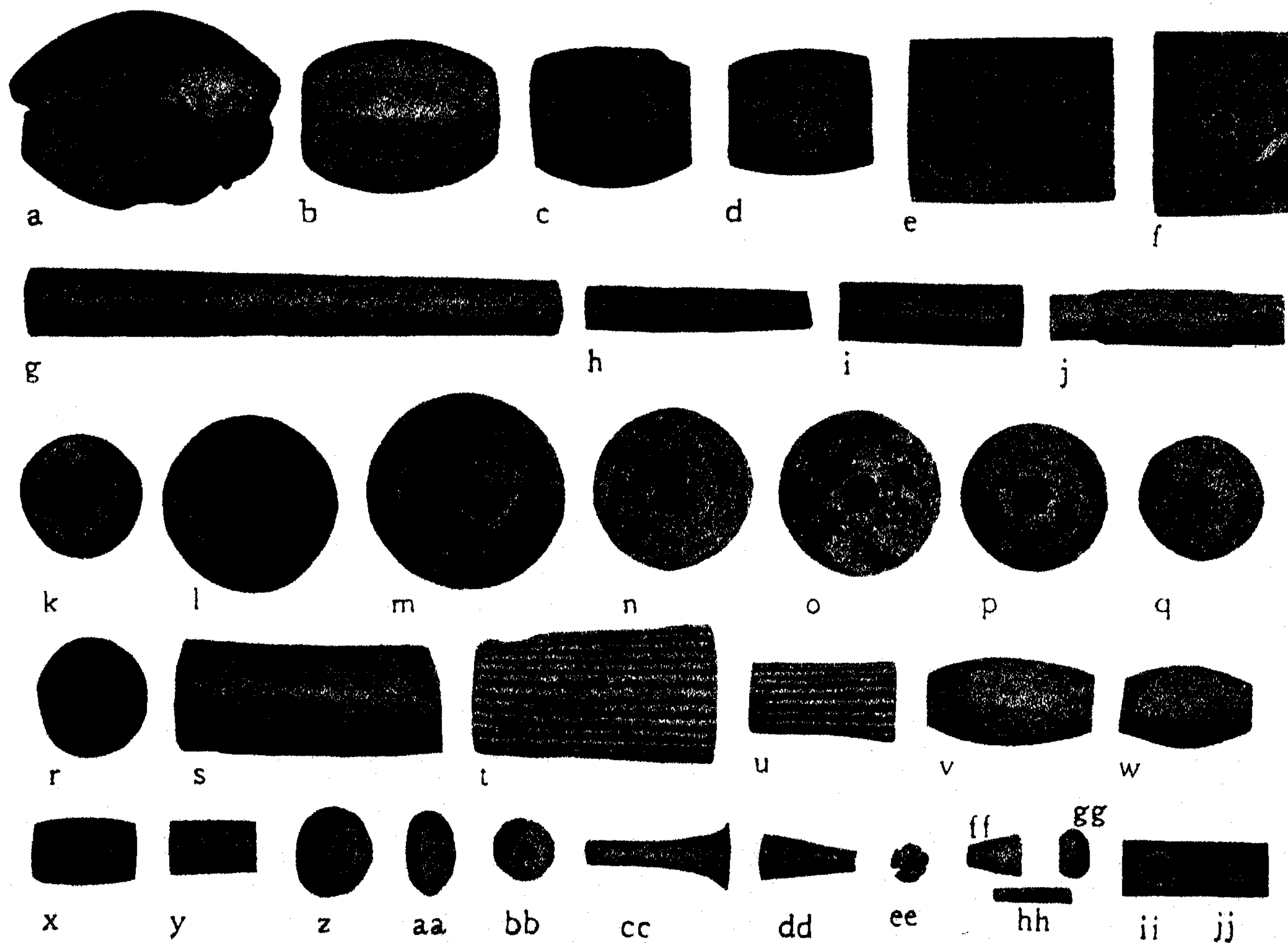


FIG. 5. BEADS OF BURNT STEATITE.

EXCAVATIONS AT HARAPPĀ

BEING AN ACCOUNT OF ARCHÆOLOGICAL EXCAVATIONS AT HARAPPĀ CARRIED OUT BETWEEN THE YEARS 1920-21 AND 1933-34

BY

MADHO SARUP VATS, M.A.,

Deputy Director-General of Archæology in India

In two volumes with plans and plates

Volume I.—Text
Volume II.—139 Plates



PUBLISHED BY MANAGER OF PUBLICATIONS, DELHI
PRINTED BY MANAGER, GOVERNMENT OF INDIA PRESS, CALCUTTA
1940

Price Rs. 50-6 or 77s. (inclusive of Volume I).

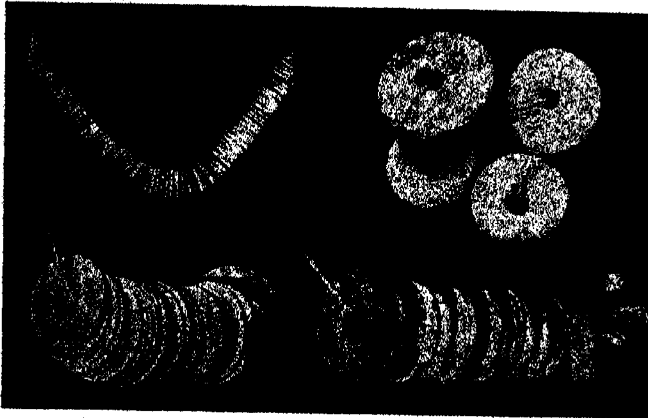


Fig. 1. Disc beads of "burnt" steatite.

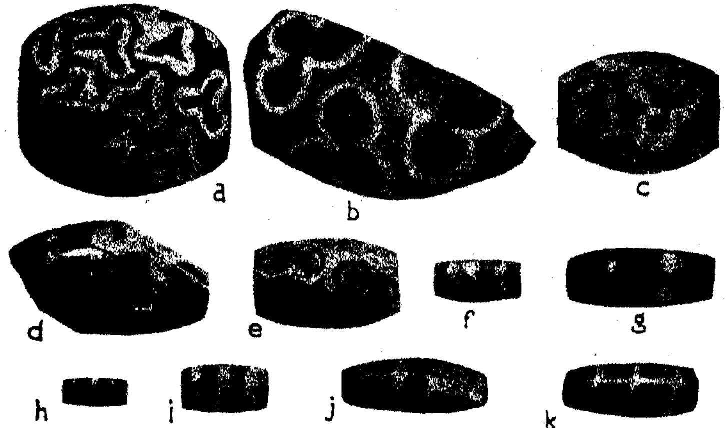


Fig. 2. Painted steatite beads.

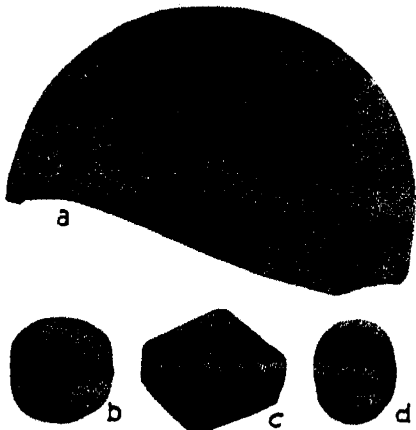


Fig. 3. Faience spacing beads with middle rib.

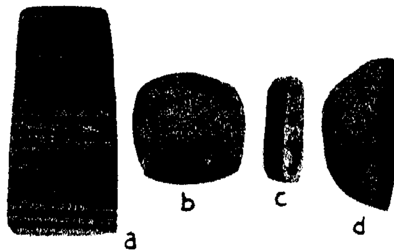


Fig. 4. Faience spacing beads.

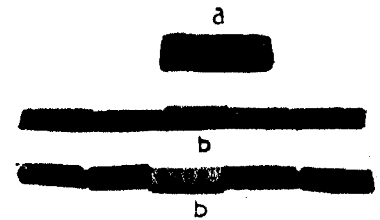


Fig. 5. Black faience beads.

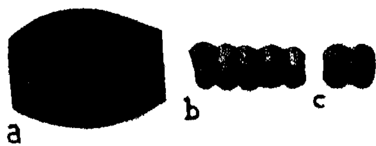


Fig. 6. White faience beads.

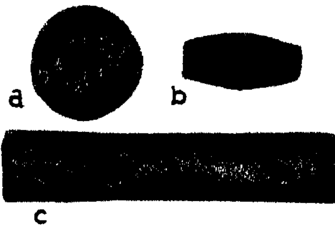


Fig. 7. Yellow faience beads.

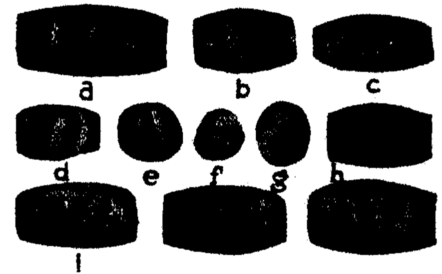
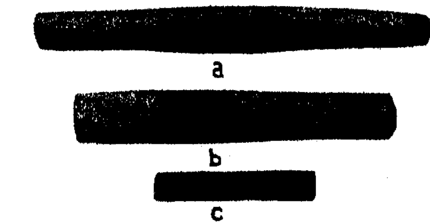


Fig. 8. Variegated faience beads.



d e f g

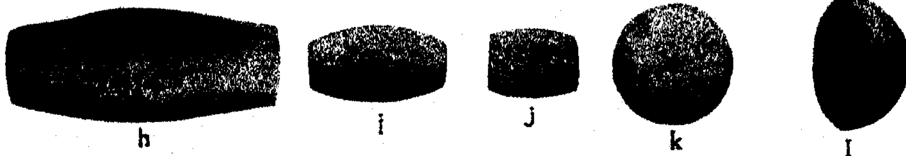


Fig. 9. Faience beads—mostly blue or green.

List of Agents in India from whom Government of India Publications are available.

(a) Provincial Government Book Depots.

Assam :—Superintendent, Assam Secretariat Press, Shillong.
Bihar :—Superintendent, Government Printing, P. O. Gulzarbagh, Patna.
Bombay :—Superintendent, Government Printing and Stationery, Queen's Road, Bombay.
Central Provinces :—Superintendent, Government Printing, Central Provinces, Nagpur.
Madras :—Superintendent Government Press, Mount Road, Madras.
North-West Frontier Province :—Manager, Government Printing and Stationery, Peshawar.
Orissa :—Press Officer, Secretariat, Cuttack.
Punjab :—Superintendent, Government Printing, Punjab, Lahore.
Sind :—Manager, Sind Government Book Depot and Record Office, Karachi (Sadar).
United Provinces :—Superintendent, Printing and Stationery, U. P., Allahabad.

(b) Private Booksellers.

Advani & Co., The Mall, Cawnpore.
Aero Stores, Karachi.*
Army Musketry Stores, Moga (Punjab).†
Banthiya & Co., Ltd., Station Road, Ajmer.
Bengal Flying Club, Dum Dum Cantt.*
Bhawnani & Sons, New Delhi.
Bombay Book Depot, Charni Road, Girgaon, Bombay.
Book Company, Calcutta.
Booklover's Resort, Taikad, Trivandrum, South India.
British Book Depot, Lucknow.
British Book Depot, Risalpore.
British Stationery Mart, Booksellers, Peshawar Cantt.
Buckingham & Co., Booksellers and Stationers, Greenwood Street, Sialkot City.
Burma Book Club, Ltd., Rangoon.
Cambridge Book Co., Booksellers, New Dak Bungalow Road, Patna.
Chandrakant Chimanlal Vora, Ahmedabad.
Chatterjee & Co., 3, Bacharam Chatterjee Lane, Calcutta.
Chiney & Sons, Booksellers, etc., Dhantoli, Nagpur, C. P.
Chukervertty, Chatterjee & Co., Ltd., 13, College Square, Calcutta.
Das Gupta & Co., 54/3, College Street, Calcutta.
Dastane Brothers, Home Service, 456, Raviwar Peth, Poona 2.
Delhi and U. P. Flying Club, Ltd., Delhi.*
Deshmukh Book Depot, Station Road, Sholapur.
English Book Depot, Ferozepore.
English Bookstall, Karachi.
English Book Depot, Taj Road, Agra.
English Book Store, Abbottabad, N.-W. F. P.
Faqir Chand Marwah, Peshawar Cantonment.
Higginbothams, Madras.
Hindu Library, 137-F, Balaram De Street, Calcutta.
H. L. College of Commerce, Co-operative Stores, Ltd., Ahmedabad.
Hyderabad Book Depot, Chaderghat, Hyderabad (Deccan).
Ideal Book Depot, Rajpur Road, Dehra Dun and Bombay Bazar, Meerut.
Imperial Book Depot and Press, near Jama Masjid, (Machhliwalan), Delhi.
Imperial Publishing Coy., Lahore.
Indian Army Book Depot, Dayalbagh, Agra.
Indian Army Book Depot, Daryaganj, Delhi.
Indian School Supply Depot, Central Avenue, South, P. O. Dharamtala, Calcutta.
International Book Service, Poona 4.
Jaina & Bros., Mori Gate Delhi, and Connaught Place, New Delhi, Messrs. J. M.
Joshi, News Agent, Devgad Baria *via* Piplod, Bombay, Mr. V. G.
Kamala Book Depot, 15, College Square, Calcutta.
Kansil & Co., 9, Commercial Buildings, The Mall, Lahore, Messrs. N. C.
Karnataka Sahitya Mandir, Dharwar (S. India).
Keale & Co., 65, Britto Road, Karachi (Sadar).
Kitabistan, 17-A, City Road, Allahabad.
Krishnaswami & Co., Teppakulam P. O., Trichinopoly Fort, Messrs. S.
Lahiri & Co., Ltd., Calcutta, Messrs. S. K.
London Book Co. (India), Arbab Road, Peshawar, Murree, Nowshera, and Rawalpindi.
Lyall Book Depot, Lyallpore.
Malhotra & Co., Post Box No. 94, Lahore, Messrs. U. P.
Mathur & Co., Messrs. B. S., Chatur-Vilas, Paota, Civil Lines, Jodhpur (Rajputana).
Minerva Book Shop, Anarkali Street, Lahore.
Modern Book Depot, Bazar Road, Sialkot Cantt.
Mohanlal Dossabhai Shah, Rajkot.
Mohan News Agency, Kotah (Rajputana).
National Welfare Publicity Ltd., Mangalore.
New Book Co., "Kitab Mahal", 192, Hornby Road, Bombay.
Newman & Co., Ltd., Calcutta, Messrs. W.
Oxford Book and Stationery Company, Delhi, Lahore, Simla, Meerut and Calcutta.
Parikh & Co., Baroda, Messrs. B.
Pioneer Book Supply Co., 20, Shib Narayan Das Lane, Calcutta and 219, Cloth Market, Delhi.
Popular Book Depot, Grant Road, Bombay.
Punjab Religious Book Society, Lahore.
Punjab Sanskrit Book Depot, Lahore.
Raghunath Prasad & Sons, Patna City.
Rama Krishna & Sons, Booksellers, Anarkali, Lahore.
Ram Krishna Bros., Opposite Bishrambag, Poona City.
Ramesh Book Depot and Stationery Mart, Kashmere Gate, Delhi.
Ray & Sons, 43, K. & L. Edwardes Road, Rawalpindi, Murree and Peshawar, Messrs. J.
Reliance Stores, Booksellers, Princess Street, Karachi.
Roy Chowdhury & Co., 72, Harrison Road, Calcutta, Messrs. N. M.
Saraswati Book Depot, 15, Lady Hardinge Road, New Delhi.
Sarcar & Sons, 15, College Square, Calcutta, Messrs. M. C.
Sharada Mandir, Ltd., Nai Sarak, Delhi.
Standard Book Depot, Cawnpore.
Standard Book Depot, Lahore, Delhi and Simla.
Standard Bookstall, Karachi.
Standard Bookstall, Quetta.
Standard Law Book Society, 79/1, Harrison Road, Calcutta
Subhan, Book-Seller and Publisher, Bilaspur C. P., Mr. M. A.
Swaminatha Sivam & Co., Puddukotah, Messrs. P. N.
Tanawada & Sons, Booksellers, Sangli.
Tara & Sons, Razmak (India), Messrs. B. S.
Taraporevala Sons & Co., Bombay, Messrs. D. B.
Thacker & Co., Ltd., Bombay.
Thacker, Spink & Co. (1933), Ltd., Calcutta.
Tripathi & Co., Booksellers, Princess Street, Kalbadevi Road, Bombay, Messrs. N. M.
Uberoy, J. C., Journalist, Printer and Publisher, Jaycee House, Alexandra Road, Ambala.
University Book Agency, Kacheri Road, Lahore.
Upper India Publishing House, Ltd., Literature Palace, Ammuddaula Park, Lucknow.
Varadachary & Co., Madras, Messrs. P.
Venkatasubban, A., Law Bookseller, Vellore.
Wheeler & Co., Allahabad, Calcutta and Bombay Messrs. A. H.
Young Man & Co. (Regd.), Egerton Road, Delhi.

* Agents for publications on Aviation only.
† Agent for Army Publications only.

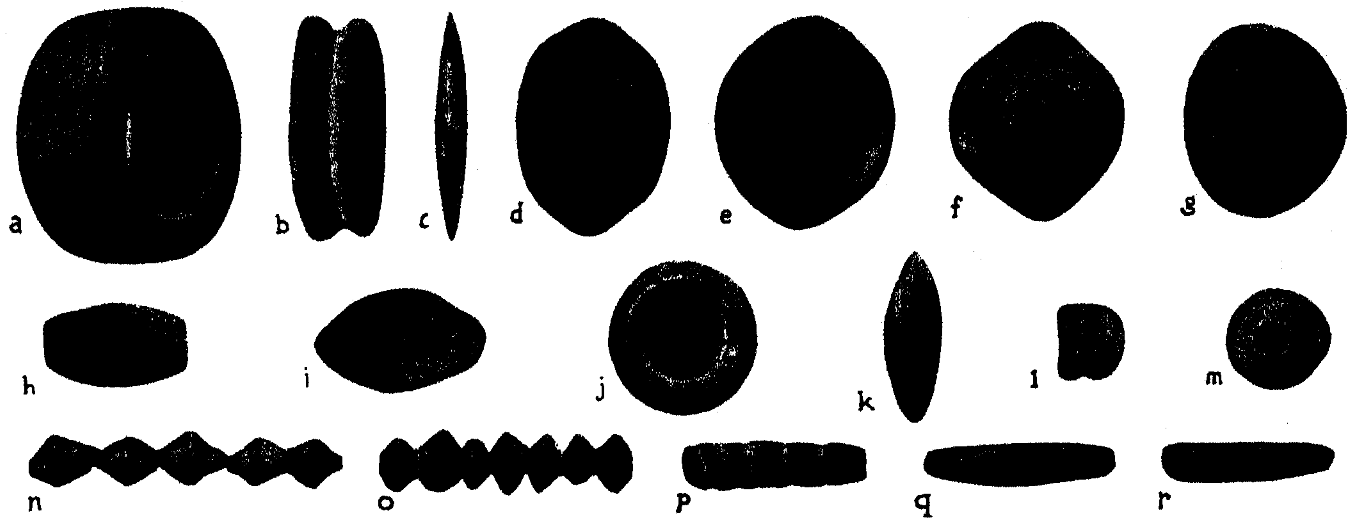


FIG. 1. BEADS OF TERRACOTTA OR POTTERY.

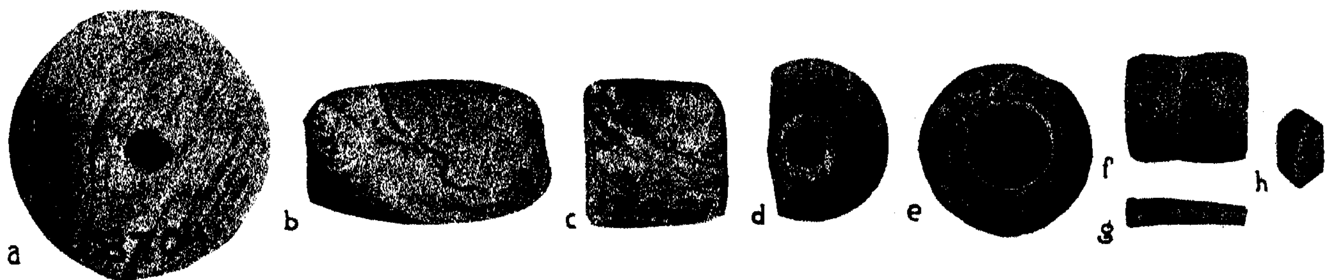


FIG. 2. BEADS OF SHELL.



FIG. 3. ZONE BEAD IVORY.



FIG. 4. SHELL INLAY FROM UR.

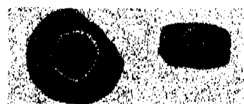


FIG. 5. COPPER BEADS

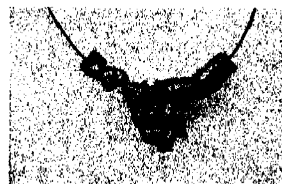


FIG. 6. SILVER BEADS.

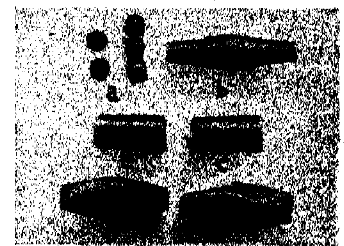


FIG. 7. GOLD BEADS.



FIG. 8. SMALL STEATITE BEADS ×4.
a, c HARAPPA
b UR.

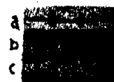


FIG. 9. × 1/1.

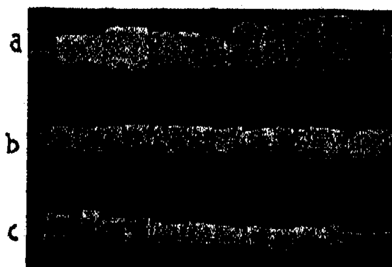


FIG. 10. SMALL STEATITE BEADS ×4
a, c HARAPPA
b UR.

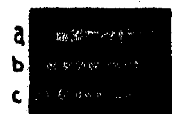


FIG. 11. ×1/1.

LIST OF PLATES.

MICROPHOTOGRAPHS OF "BURNT" AND PAINTED STEATITE.

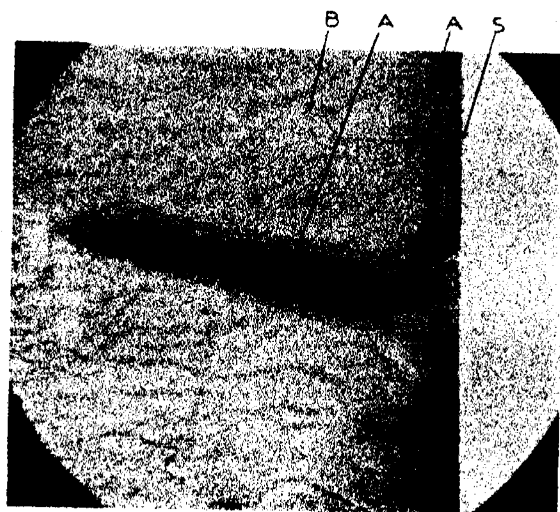


Fig. 1.
Section of "burnt" steatite seal from Mohenjo-daro.



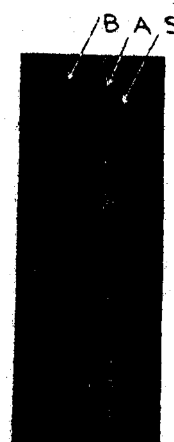
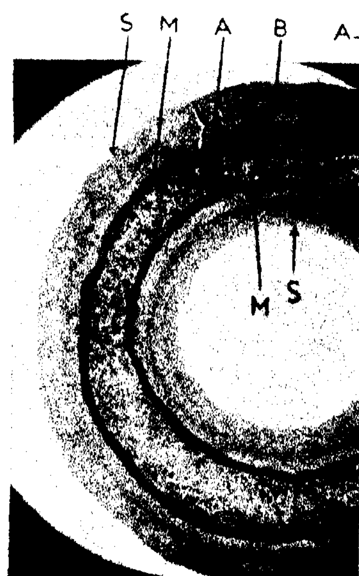


Fig. 2.
Section of "burnt" steatite seal from Harappa.



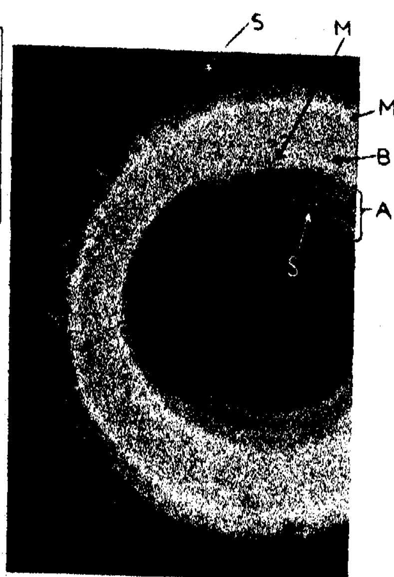


Fig. 3.
Section of "burnt" steatite bead from Harappa.

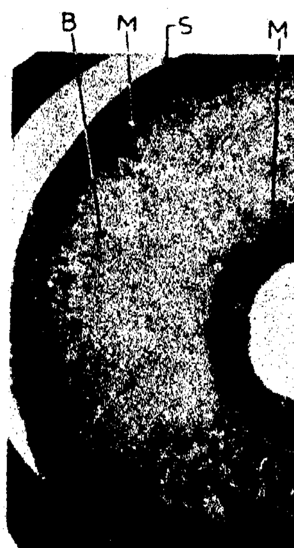




Fig. 4.
Section of "burnt" steatite bead from Ur.



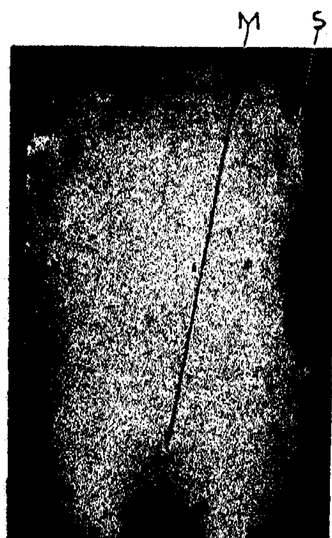


Fig. 5.
Section of "burnt" steatite disc bead from Harappa.

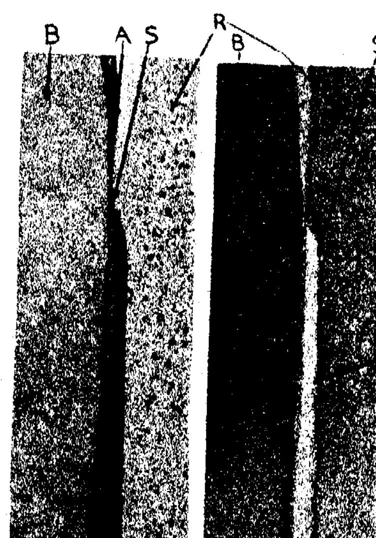


Fig. 6.
Section of unusual type of "burnt" steatite bead from Harappa.

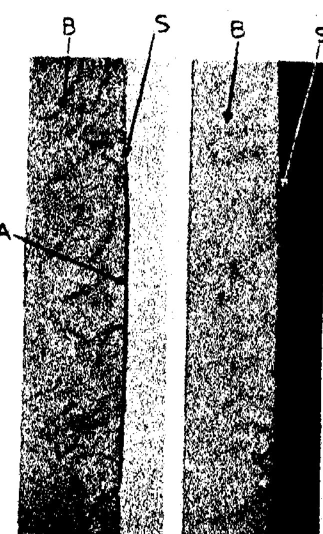
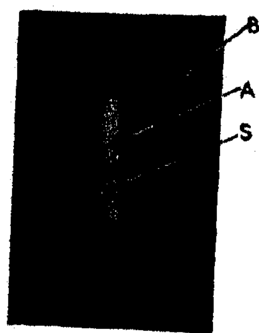


Fig. 7.
Section through painted steatite bead from Harappa.

A = Affected portion.
B = Base.
M = Area of maximum effect.
R = Reinforcing material.
S = Surface of specimen.

MICROPHOTOGRAPHS OF ETCHED CARNELIAN BEADS AND FAIENCE BEADS.



×40

FIG. 1

SECTION OF A WHITE LINE ON ETCHED CARNELIAN TYPE I. LIGHT REFLECTED FROM ABOVE.





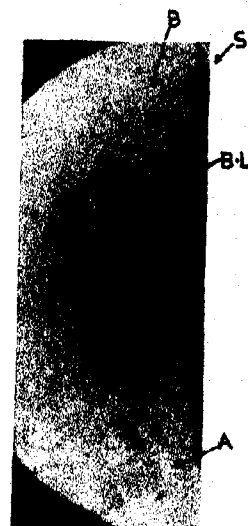
a ×40 *b* ×40

FIG. 2

SECTION OF AN IRREGULAR WHITE LINE OF AN ETCHED CARNELIAN TYPE I.

a. ORDINARY TRANSMITTED LIGHT.
b. LIGHT REFLECTED FROM ABOVE.

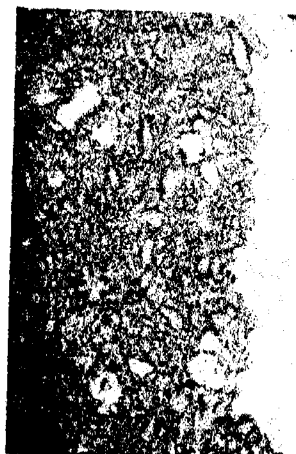
A=AFFECTED AREA. S=SURFACE OF SPECIMEN.
B=BASE. BL=BLACK LINE.



×40

FIG. 3

SECTION OF A BLACK LINE ON AN UNUSUAL FORM OF ETCHED CARNELIAN. TYPE II.





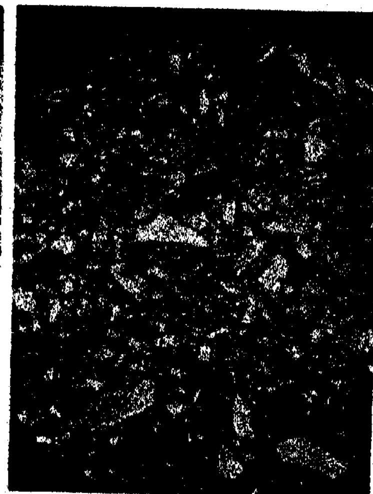
a ×40 *b* ×40

FIG. 4

SECTION OF FAIENCE ORDINARY TYPE.

a. ORDINARY TRANSMITTED LIGHT.
b. POLARIZED LIGHT.





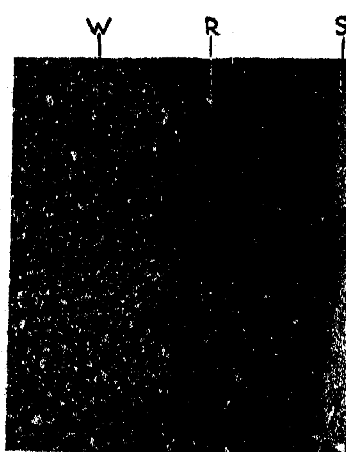
a ×40 *b* ×40

FIG. 5

SECTION OF VERY COARSE FAIENCE.

a. ORDINARY TRANSMITTED LIGHT.
b. POLARIZED LIGHT.



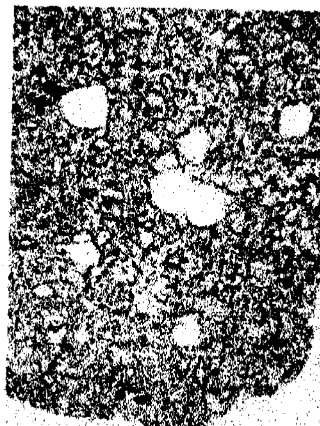


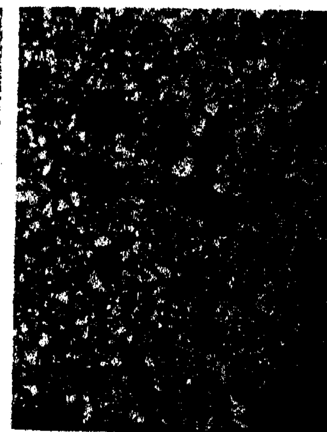
a ×40 *b* ×40

FIG. 6

SECTION OF VERY FINE VARIEGATED FAIENCE.

a. ORDINARY TRANSMITTED LIGHT.
b. POLARIZED LIGHT.



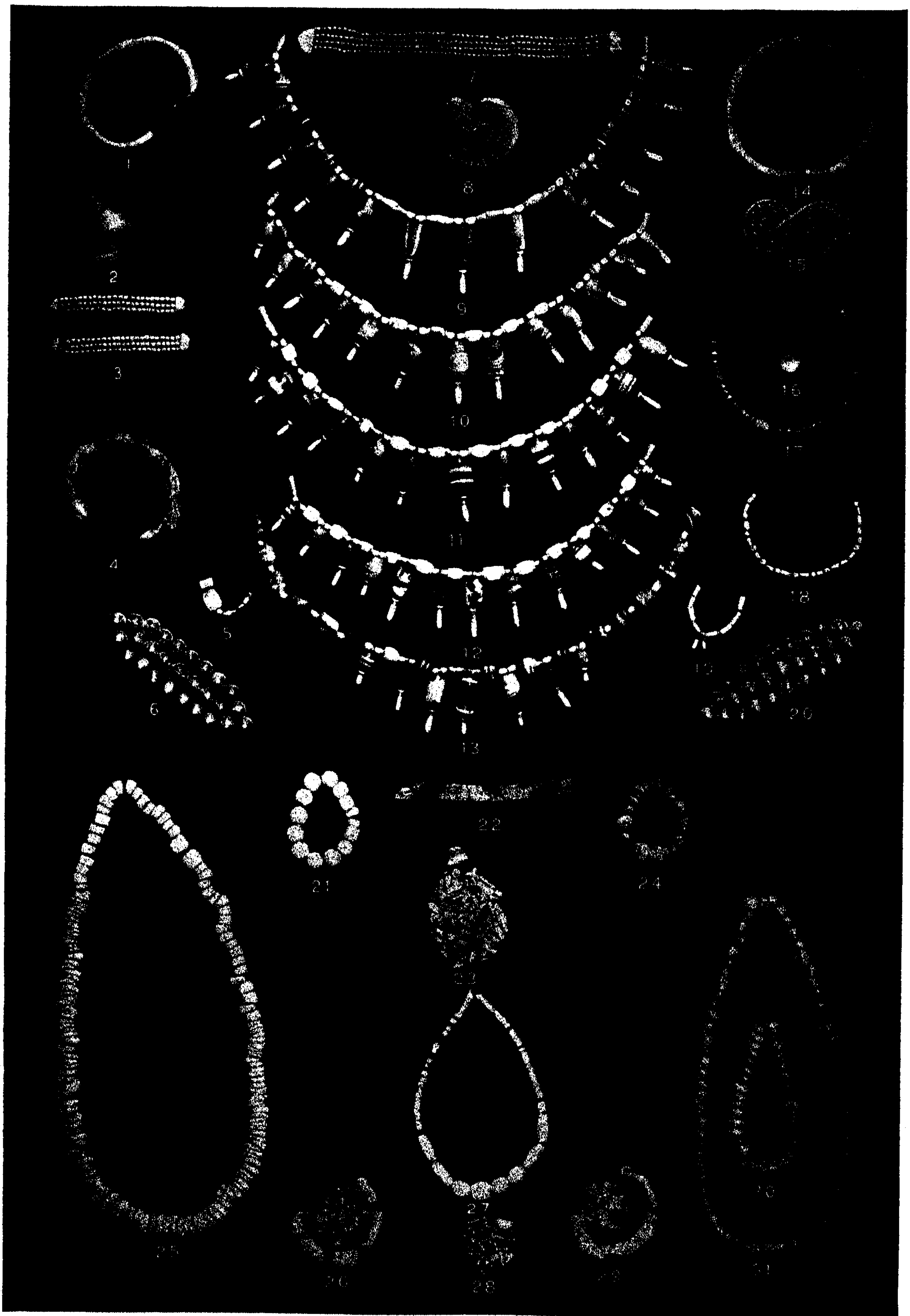


a ×40 *b* ×40

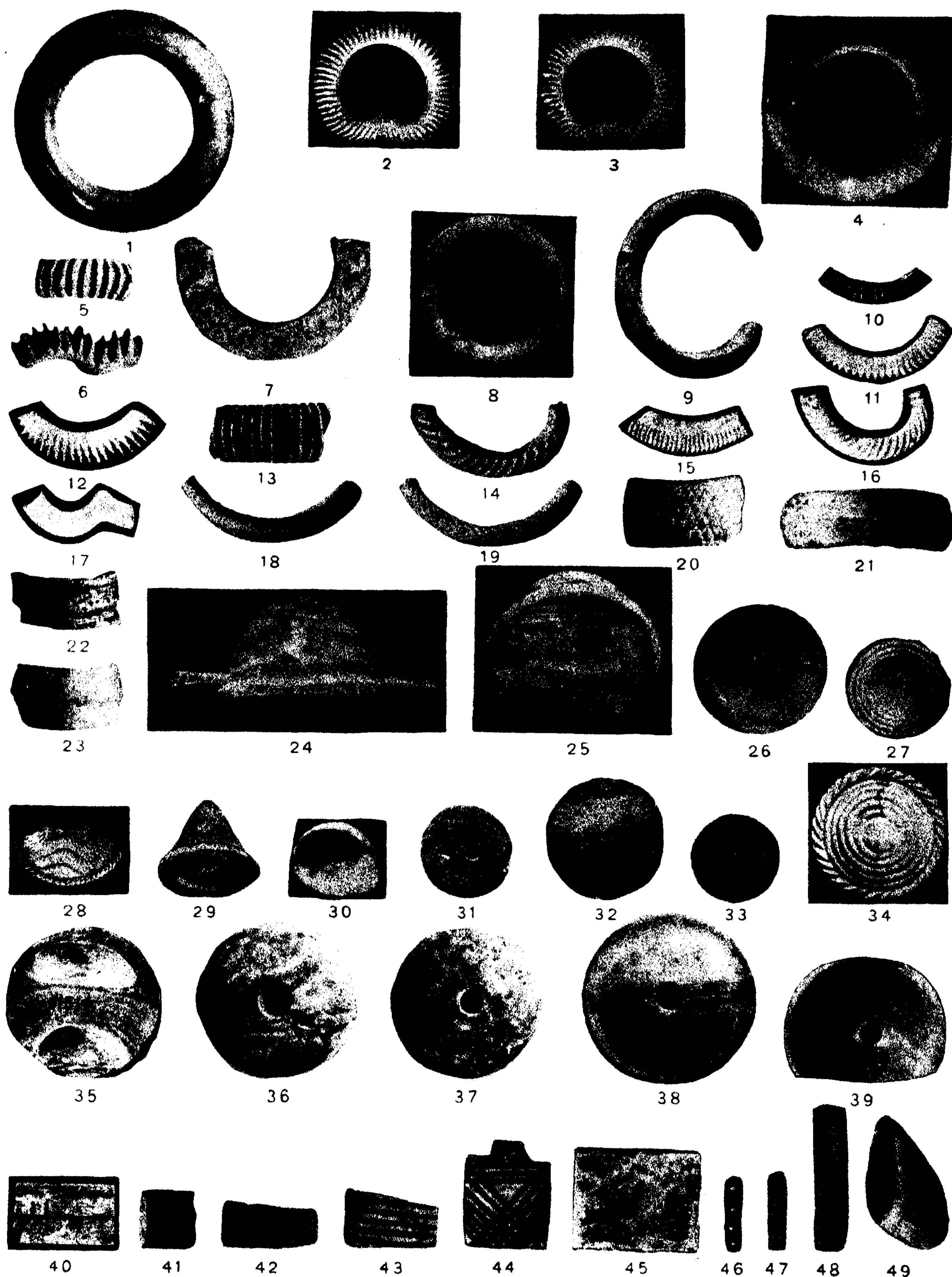
FIG. 7

SECTION OF VERY HARD FINE GRAINED FAIENCE SOMETIMES CALLED VITREOUS PASTE.

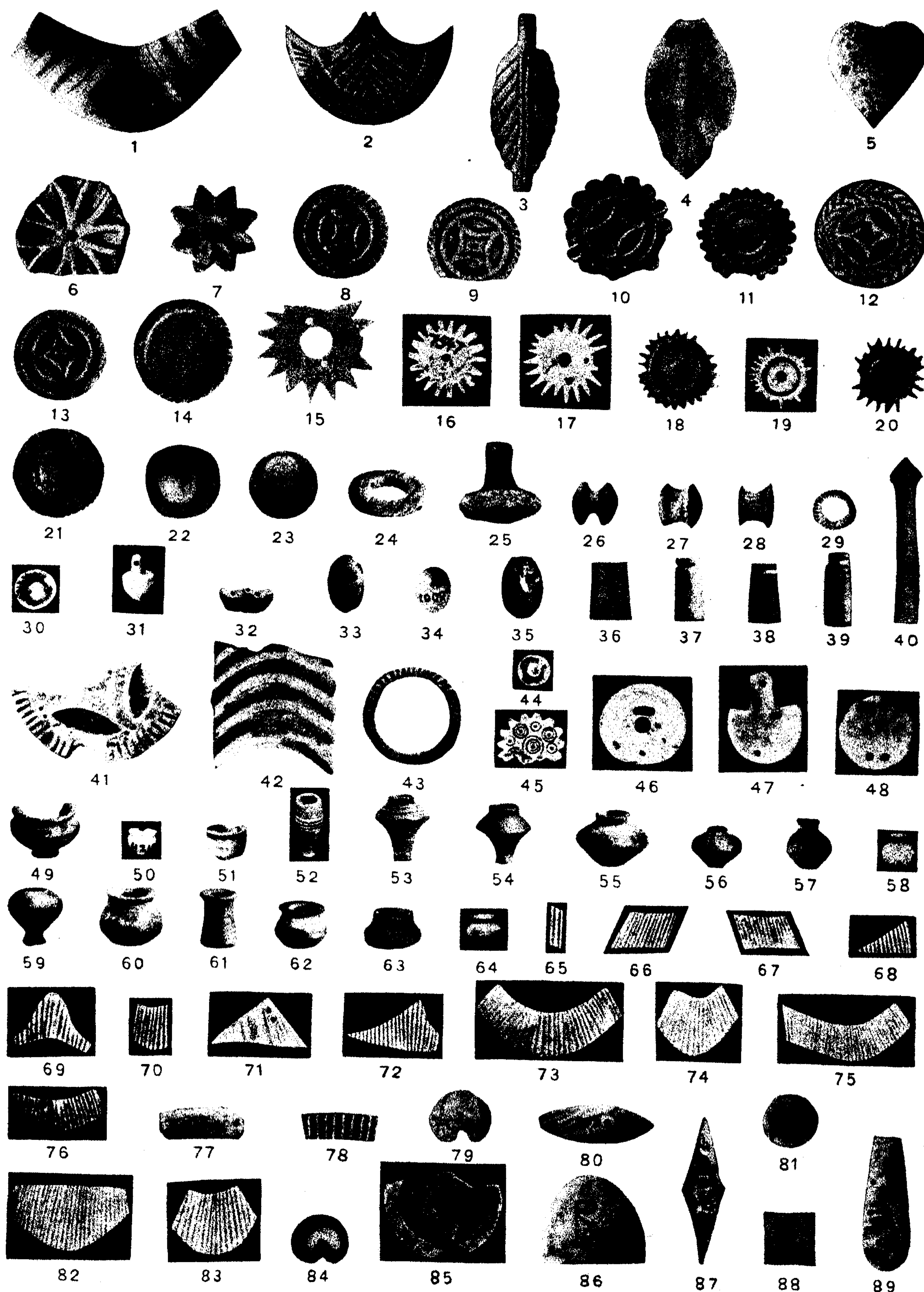
a. ORDINARY TRANSMITTED LIGHT.
b. POLARIZED LIGHT.



JWELLERY FROM HOUSE 2, TRENCH IV, MOUND F.



Personal Ornaments.



PERSONAL ORNAMENTS, UNGUENT VASES AND INLAY OBJECTS.

MGIPC—M—III-9-36—28-3-40—350.



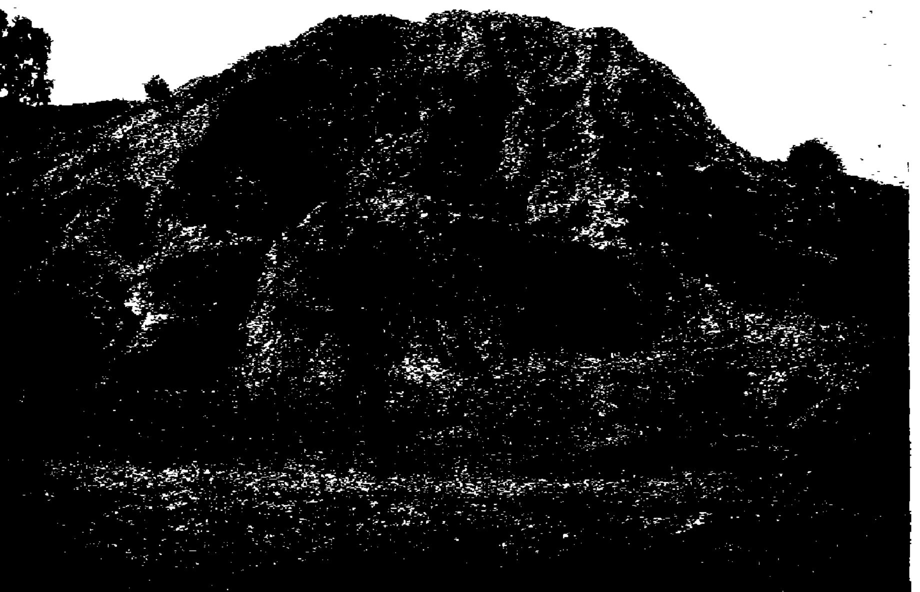
(a) PART OF MOUND AB WITH THE TOMB OF NAUGAZA, FROM NORTH-EAST.



(b) WEST SIDE OF MOUND AB WITH MOUND F IN THE BACKGROUND, LOOKING NORTH.



(c) ARCHÆOLOGICAL CAMP AND MUSEUM, FROM NORTH-EAST.



(d) NORTH-EAST SPUR OF MOUND AB SHOWING MUD BRICK TERRACING.



(*a*) The Great Granary, panoramic view, looking south.



(*b*) The Great Granary, panoramic view, looking east.



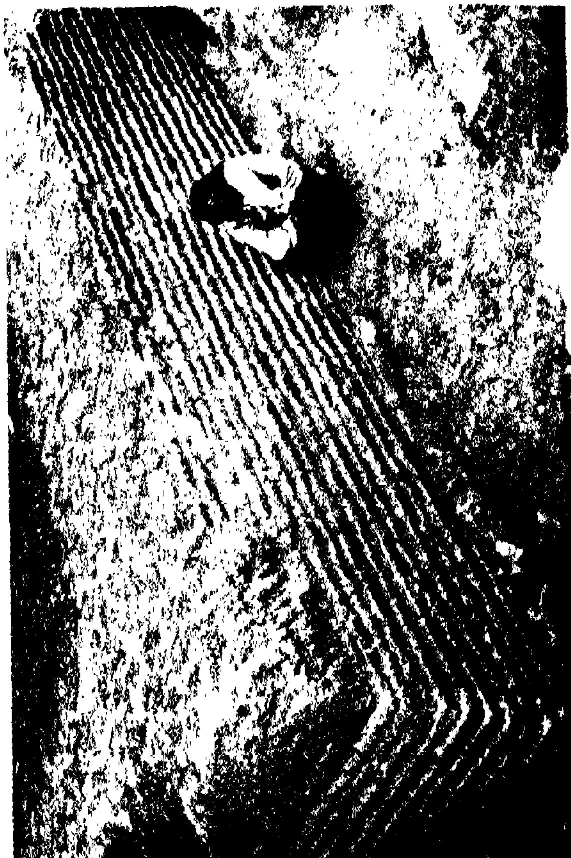
(a) THE GREAT GRANARY, FROM SOUTH-WEST.



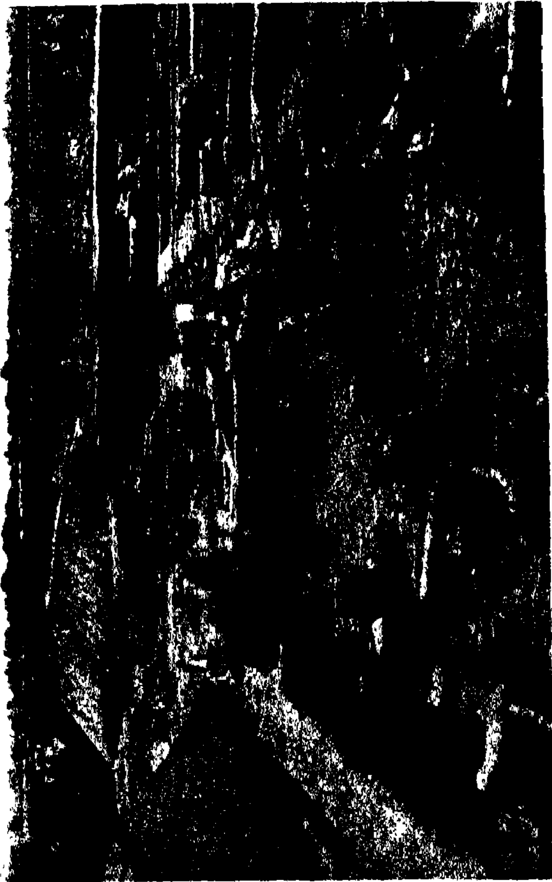
(b) NARROW TRENCH SHOWING A SECTION OF THE RETAINING WALL TO EAST OF THE GREAT GRANARY, LOOKING SOUTH.



(c) FLIGHT OF STEPS IN THE CENTRAL AISLE ABUTTING AGAINST THE WESTERN BLOCK OF THE GREAT GRANARY.



(d) RETAINING WALL OF THE GREAT GRANARY, FROM SOUTH-WEST.



(*a*) Extension to west of the Great Granary, looking north.



(*b*) House 1 to west of the Great Granary, from south-west.



(*c*) Extension to east of the Great Granary, from north-west.



(*d*) Extension to west of the Great Granary, showing earthenware jars *in situ* and work in progress, from south-east-south.



(*a*) EARTHENWARE JAR OF STRATUM V FILLED WITH TRIANGULAR TERRACOTTA CAKES.



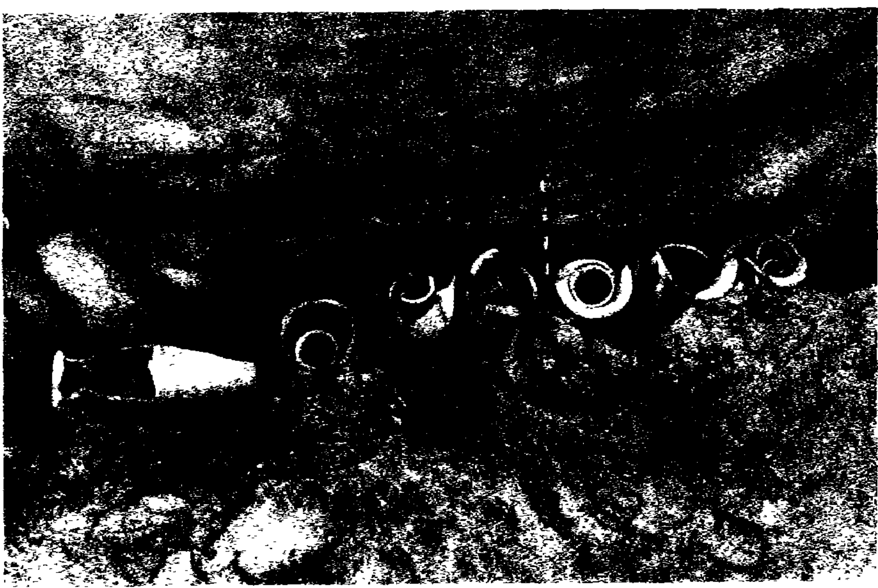
(*b*) POTTERY GROUP OF STRATUM II *in situ.*



(*c*) EARTHENWARE JAR NO. 3760 *in situ.*



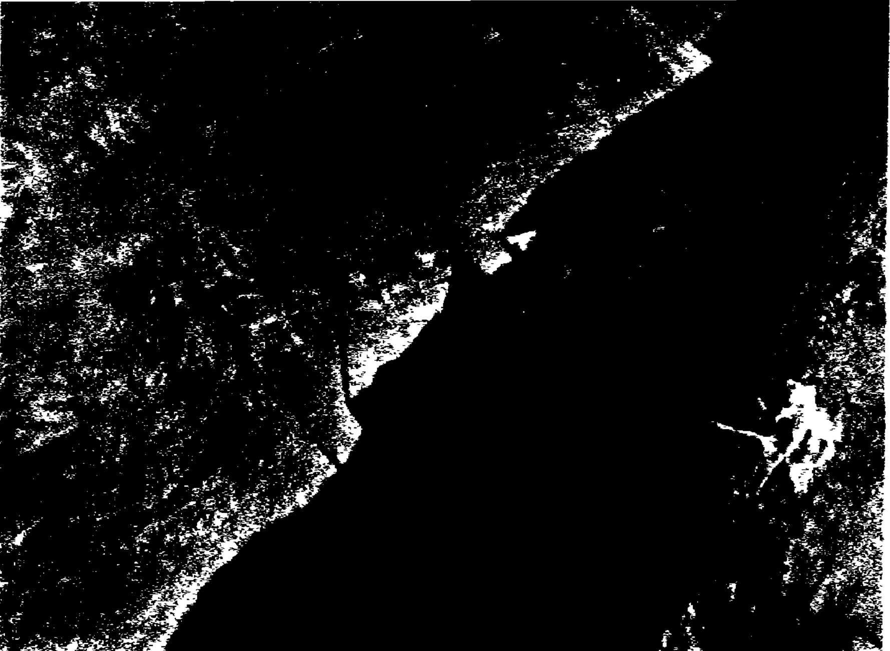
(*d*) POTTERY GROUPS NOS. 7338 TO 7340 AND 7360 *in situ.*



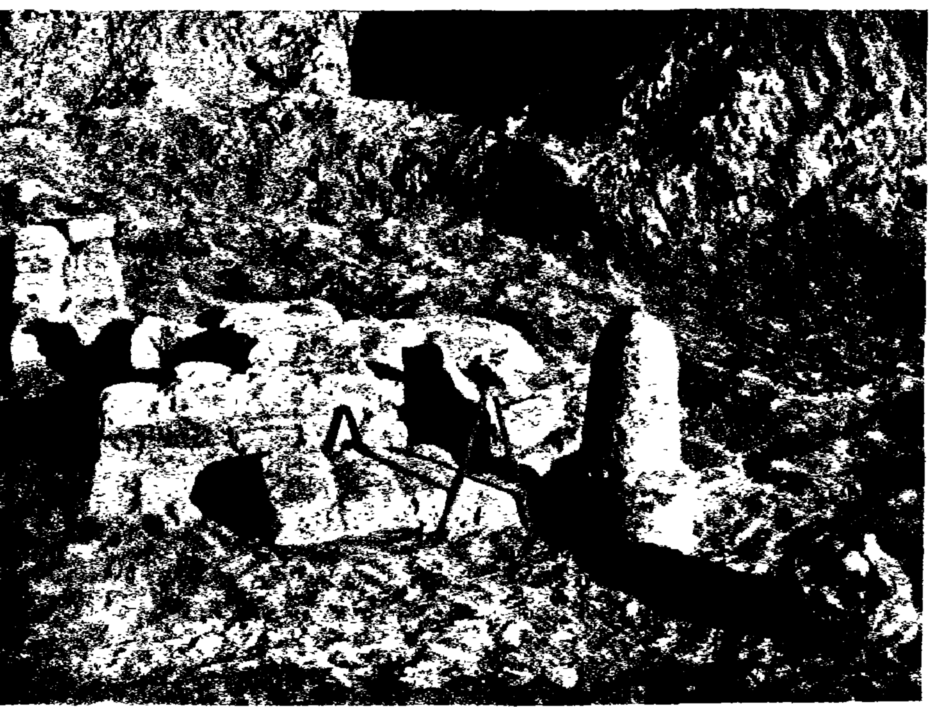
(*e*) A LINE OF SEVEN LONG OVAL VASES *in situ* CONTAINING SMALL CYLINDRICAL VASES.



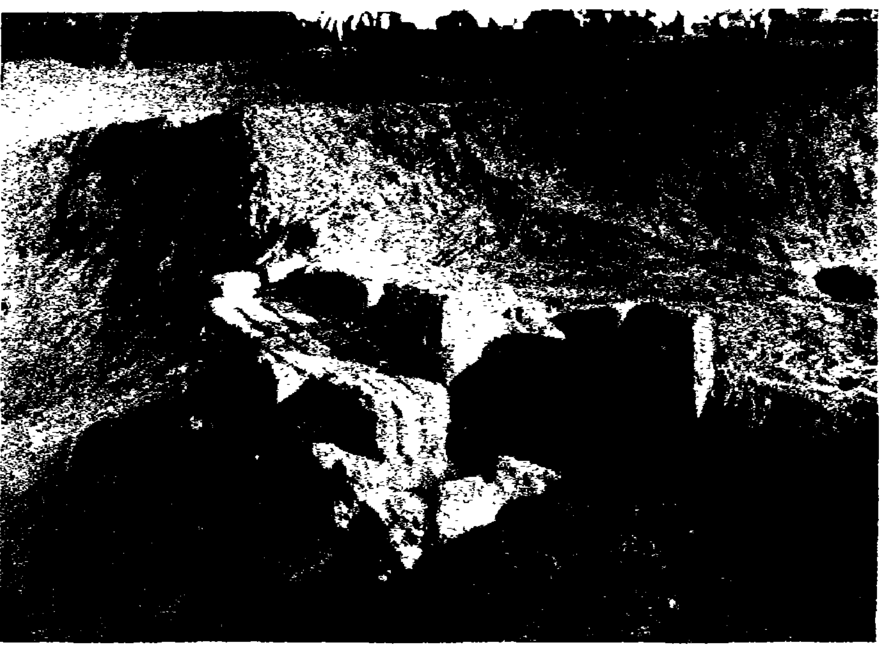
(*a*) General view of Trench Af from north-west.



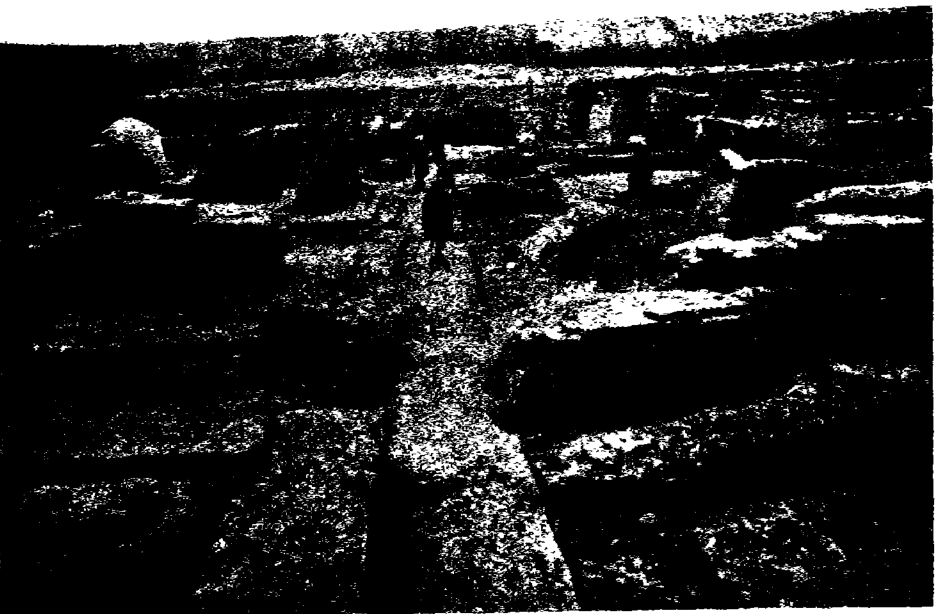
(*b*) Drain and sink in Trench Ae.



(*c*) Lingam *in situ* in Trench Ai.



(*d*) Brick-on-edge pavement of stratum I in Trench Ae.



(*a*) WORKMEN'S QUARTERS, LANE II BETWEEN BLOCKS I AND II, LOOKING WEST.



(*b*) WORKMEN'S QUARTERS, LANE I WITH BLOCK II TO RIGHT, FROM WEST.



(*c*) NORTHERN PORTION SHOWING CIRCULAR BRICK-ON-EDGE PLATFORMS NOS. 1 TO 3, FROM SOUTH-EAST.



(*d*) NORTHERN END SHOWING THE FINDSPOT OF SEALS, BEADS, ETC., FROM EAST.



(*a*) WORKMEN'S QUARTERS, HOUSES 3 AND 5 WITH LANE V BETWEEN THEM, FROM SOUTH.



(*b*) WORKMEN'S QUARTERS, PARTIAL VIEW OF BLOCKS I AND II WITH TRENCH V IN THE BACKGROUND, FROM SOUTH-WEST.



(*c*) GENERAL VIEW FROM NORTH.



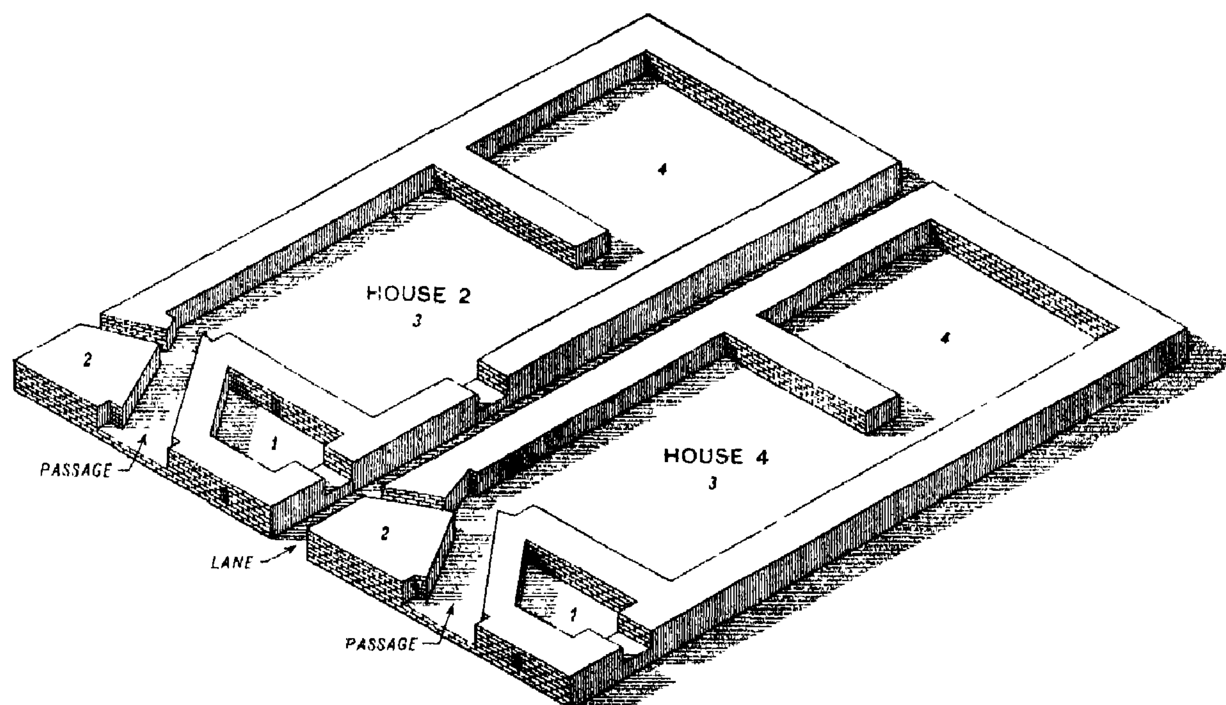
(*d*) WORKMEN'S QUARTERS, PARTIAL VIEW SHOWING QUADRILATERAL-SHAPED ROOMS IN BLOCKS I AND II, FROM NORTH-WEST.



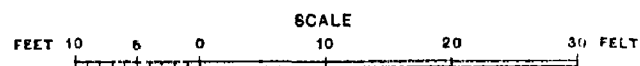
(a) Panoramic view of Trenches IV and V with Workmen's Quarters to left from east.

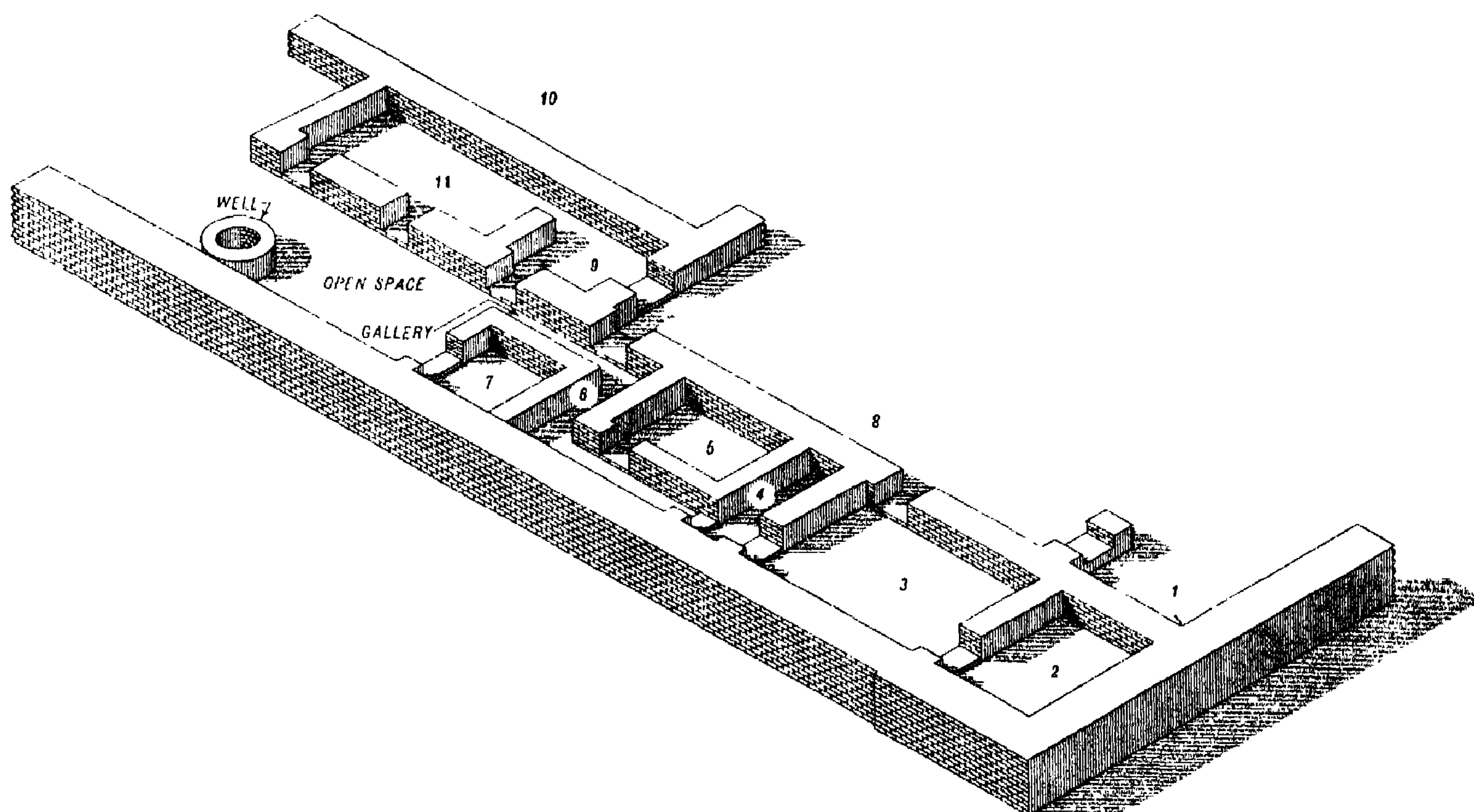


(b) Panoramic view of Trenches IV and V with Workmen's Quarters to right, from west.

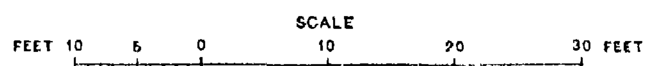


a. MOUND F, TRENCH IV, WORKMEN'S QUARTERS. ISOMETRIC PROJECTION OF HOUSES 2 & 4





b. MOUND F, TRENCH VI, ISOMETRIC PROJECTION OF HOUSE 1





(a) Trench IV. Deep Digging showing several layers of nodules.



(b) Trench V. Bovine bones and copper spear-head No. 10008 below a wall of Stratum IV in Sq. J 12/25.



(c) Trench V. General view, looking east.



(d) Trench V. Well with pavement and water jars, from north-west.



(*a*) FURNACE Fa WITH A PART OF THE ROOF VAULT LYING INSIDE.



(*b*) FURNACE Fa SHOWING FLUES IN THE VAULT AFTER CLEARANCE.



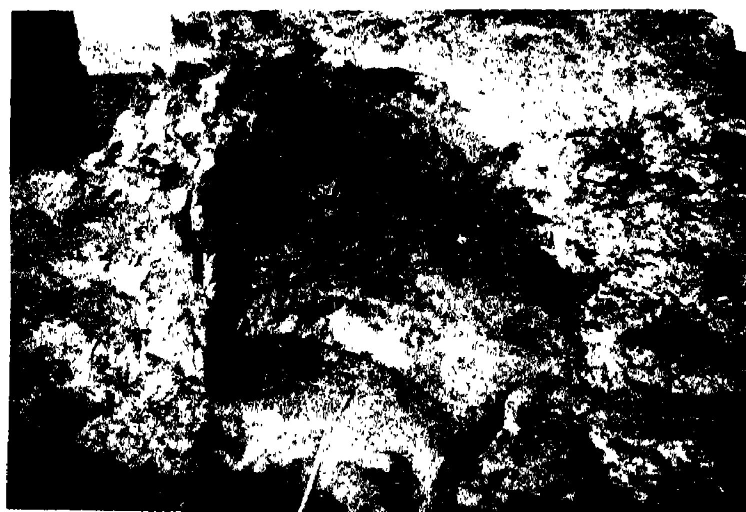
(*c*) FURNACE Fj.



(*d*) FURNACE Fc WITH DIVIDING WALL INSIDE.



(*e*) PAVED CIRCULAR MANGER LINED WITH BRICK-ON-EDGE.



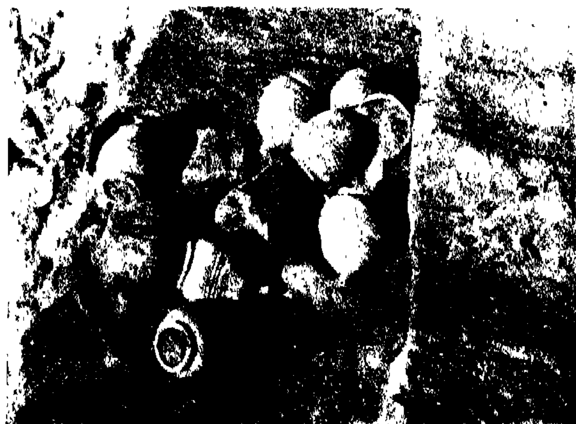
(*f*) FURNACE Ff.



(*a*) TRENCH V. PART OF A DRAIN WITH LIME PLASTER IN SQ. J 12/9.



(*b*) TRENCH V. DEEP DIGGING AT THE EASTERN END SHOWING BROKEN POTTERY.



(*c*) TRENCH V. GOBLETS WITH POINTED BASES *in situ* IN SQ. J 12/15.



(*d*) TRENCH IV. *Deg*-SHAPED LARGE POTTERY VESSEL COVERED BY A WALL OF STRATUM III IN SQ. I 11/10.



(*e*) TRENCH IV. FURNACE Fd.



(*f*) TRENCH IV. FURNACE Fg.



(*g*) TRENCH IV. LARGE POTTERY VESSEL SHAPED LIKE A GOBLET WITH POINTED BASE IN SQ. I 12/7.



(*a*) General view from north-west-north.



(*b*) General view from south-east-south.



(*c*) View of the Central Section showing strata I to VI from north-west.



(*d*) Detail view of mud huts at the southern end.



(*a*) VIEW OF THE NORTHERN SECTION, FROM SOUTH-WEST.



(*b*) DEEP DIGGING AND THE NORTHERN SECTION SHOWING EIGHT STRATA OF OCCUPATION, FROM SOUTH-WEST.



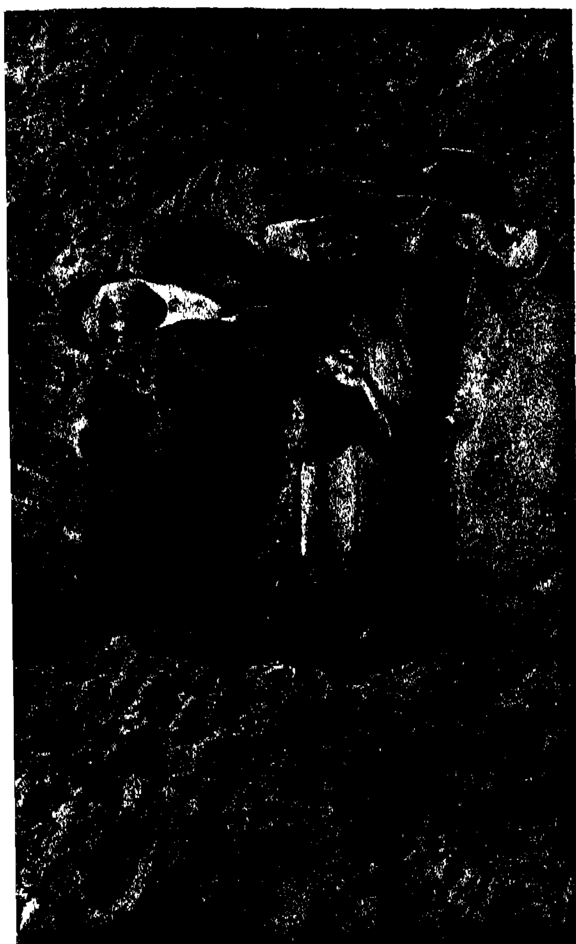
(*c*) CRUSHED POTTERY LYING AGAINST A WALL OF STRATUM V IN SQ. M 11/11.



(*d*) CENTRAL SECTION SHOWING A FINE RECTANGULAR PAVEMENT OF STRATUM V.



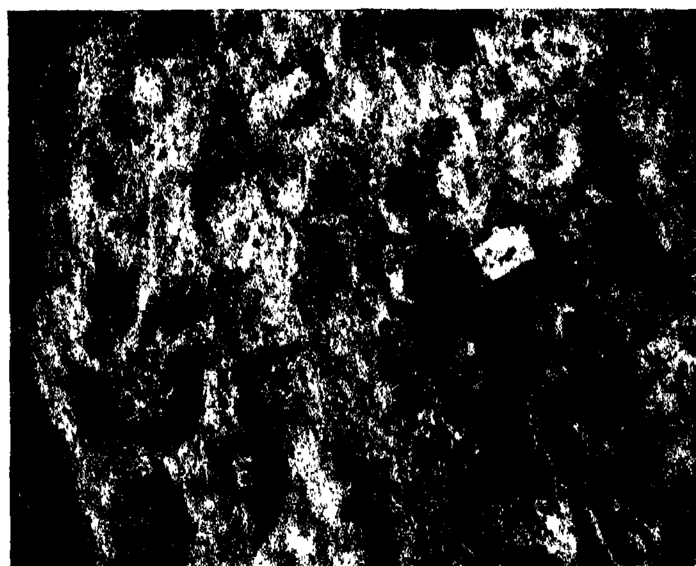
(*a*) Central Section. Seals, weights, etc., of Stratum IV *in situ*.



(*b*) Central Section. Copper Jar No. 277 of Stratum III *in situ*.



(*c*) Western cutting of the Deep Digging showing compressed layers of green earth preceded and followed by soft white soil.



(*d*) Eastern part of the Deep Digging showing bovine bones including forepart of a skull.



(*a*) NORTHERN SECTION, POTTERY JARS 1033 A AND B BESIDES A BROKEN PAVEMENT OF STRATUM III.



(*b*) NORTHERN SECTION, POST-CREMATION URN No. 3686 IN SQ. M 10/15 WITH A HUMAN TIBIA INSIDE.



(*c*) SOUTHERN SECTION SHOWING TWO RECTANGULAR HEARTHS OF STRATUM IV AND CIRCULAR MANGERS OF STRATUM V IN SQ. M 12/19.



(*d*) PARTIAL VIEW OF POTTERY IN SQ. M 12/17.



(*e*) INSCRIBED JAR AND JAR-STANDS OF STRATUM VI IN SQ. M 12/6.



(*f*) BROAD AND SHALLOW TROUGH OF STRATUM VI IN SQ. M 11/13.

HARAPPA

MOUND F

TRENCH III

SCALE

FEET 10 0 10 20 30 40 FEET

N

REFERENCES

STRATUM	I		STRATUM	V	
DO	II		DO	VI	
DO	III		DO	VII	
DO	IV				

ST = STRATUM



(*a*) TRENCH III. PARTIAL VIEW OF HOUSES 1 AND 2 OF STRATUM IV, FROM SOUTH-WEST.



(*b*) TRENCH III. GROUP OF POLYCHROME AND OTHER POTTERY NO. 5723 *in situ*.



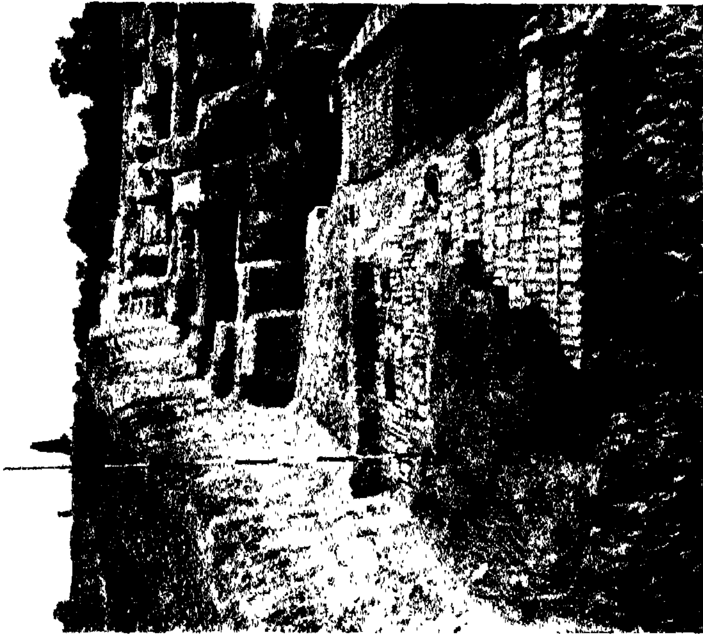
(*c*) TRENCH VI. BOVINE BONES AND POTTERY IN SINK 1 IN SQ. P 10/8.



(*d*) TRENCH III. CONTENTS OF A POST-CREMATION URN LYING IN THE LANE BETWEEN HOUSES 1 AND 2.



(*a*) EASTERN PART OF HOUSE 1 OF STRATUM IV, FROM NORTH-WEST.



(*b*) WESTERN PART SHOWING IN THE FOREGROUND JAR-STANDS EMBEDDED IN A LARGE PAVEMENT, LOOKING NORTH.



(*c*) BURIAL AND NON-BURIAL TYPES OF POTSHERDS MIXED WITH BOVINE BONES AND BRICKBATS IN SQUARES P 10/11 AND P 9/15.



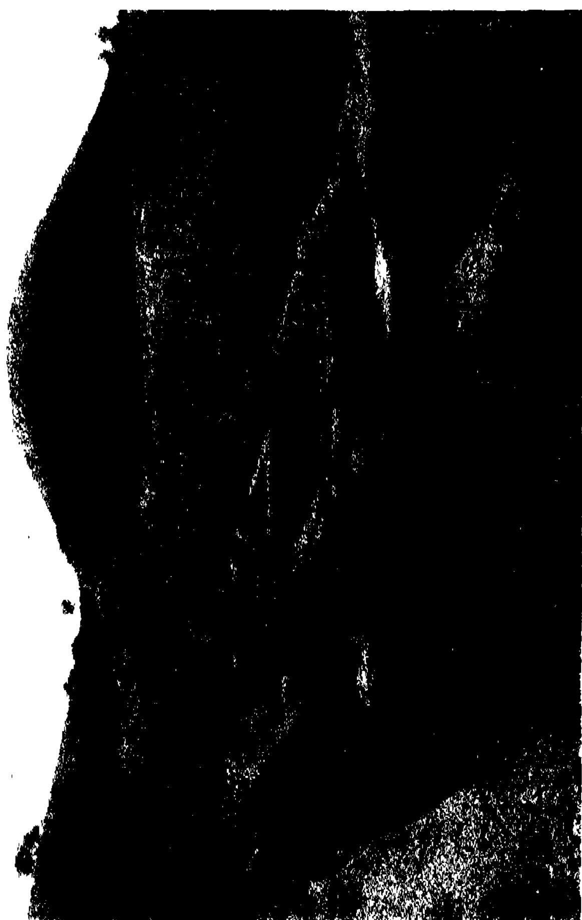
(*d*) ALTERNATE COURSES OF MUD AND BURNT BRICKS IN THE OUTER WALLS OF ROOM 1, HOUSE 2, FROM NORTH-EAST.



(*a*) EASTERN PART OF HOUSE 1 OF STRATUM IV AND OTHER STRUCTURES, FROM NORTH-EAST.



(*b*) EXTENSION I, BACK PART OF A HOUSE BURIED UNDER FIELDS, FROM NORTH-WEST.



(*c*) EARTHENWARE JARS OF STRATA I TO III IN THE SOUTHERN PART OF THE NORTHERN SECTION, LOOKING WEST.



(*d*) LANE TO THE EAST OF HOUSES 1 AND 2 BLOCKED BY LATER WALLS, FROM SOUTH.



(*a*) General view showing multiple strata, from south-west.



(*b*) Rectangular pavement with brick edging in two parts.



(*c*) Heap of animal bones of stratum IV found in the centre of the trench.



(*d*) General view from east-south-east.



(a) GENERAL VIEW SHOWING FRAGMENTARY NATURE OF THE REMAINS, FROM SOUTH-EAST.



(b) EASTERN PART SHOWING PAVEMENTS, GABLE ROOFED DRAIN ACROSS THE CENTRE AND SHED OVER BURIAL NO. 5140 IN THE BACKGROUND, FROM NORTH-WEST-NORTH.



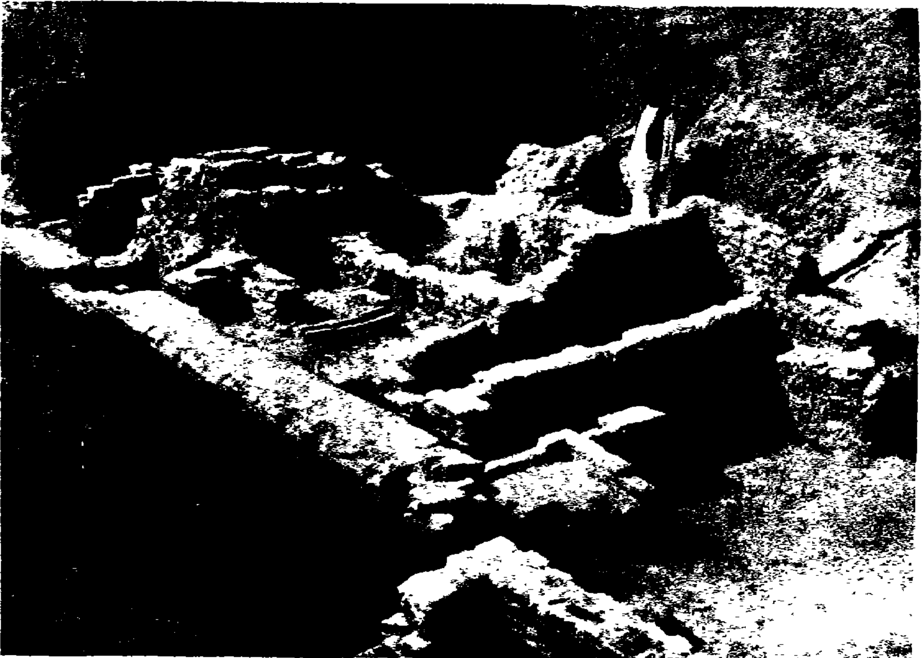
(c) LARGE DRAIN OF STRATUM V WITH A GABLE ROOFED DRAIN ABOVE, FROM EAST.



(d) GENERAL VIEW SHOWING A DILAPIDATED PAVEMENT AND FRAGMENTARY REMAINS, LOOKING EAST.



(*a*) SPILL WATER JARS ENCLOSED BY BRICK RESERVOIRS EMBEDDED ALONG THE WESTERN END OF A GABLE ROOFED DRAIN OF STRATUM IV FROM NORTH-EAST.



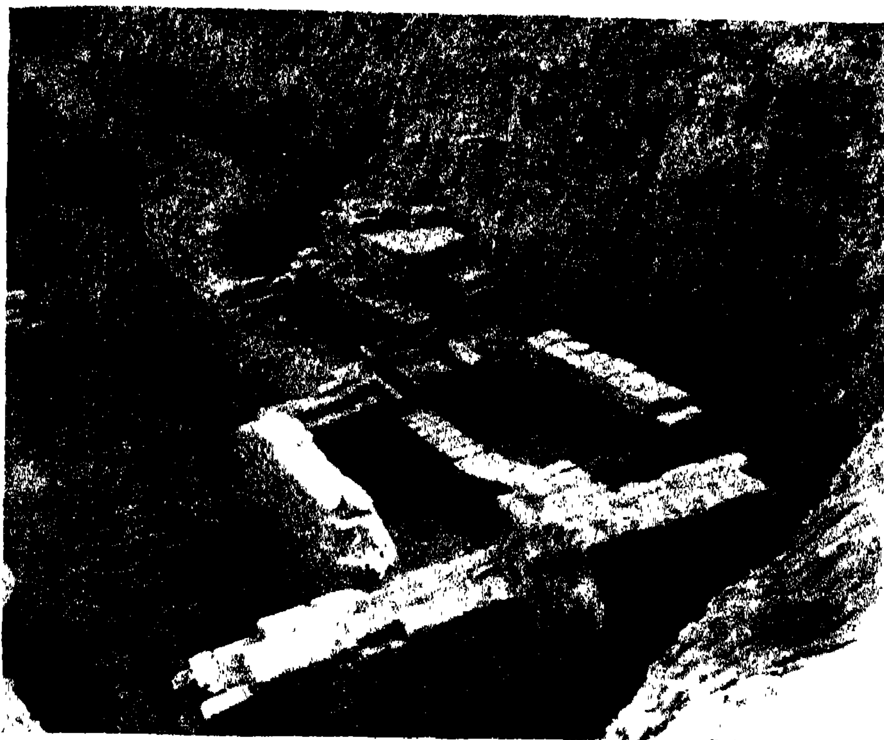
(*b*) HOUSE 1 OF STRATUM III CONSTRUCTED AGAINST AN EXISTING WALL OF STRATUM IV, FROM SOUTH-EAST.



(*c*) SAUCER-SHAPED DEPRESSION OF STRATUM III WITH FILMY COATING OF FULLER'S EARTH.



(*d*) ENCLOSURE SHOWING FRACTIONAL BURIAL No. 5440, FROM NORTH-WEST.



(*a*) PIT IV. REMAINS OF A ROOM AND DRAIN OF STRATUM IV WITH A LATER PAVEMENT IN THE BACKGROUND, FROM SOUTH-WEST.



(*b*) EXTENSION OF PITS I AND II. POST-CREMATION TROUGH NO. 3868 CONTAINING A TORTOISE SHELL, POTTERY, ETC.



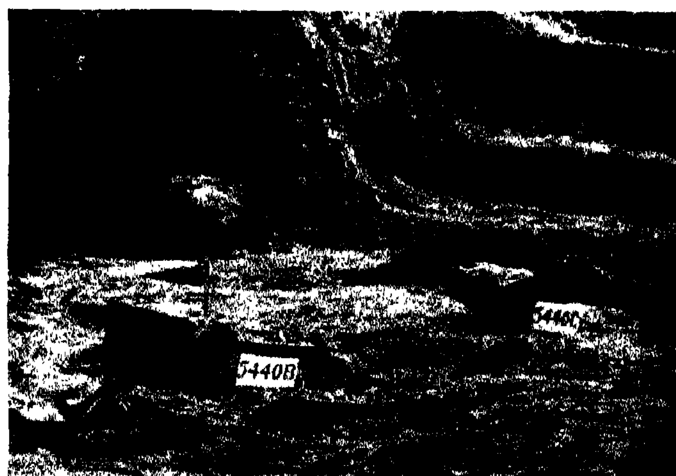
(*c*) DRAINAGE JARS ENCLOSED IN BRICK RESERVOIRS EMBEDDED ALONG THE WESTERN END OF THE GABLE ROOFED DRAIN OF STRATUM IV.



(*d*) PIT III. FRAGMENTARY REMAINS, FROM NORTH-WEST.



(*e*) EXTENSION OF PITS I AND II. A CURTAIN WALL OF STRATUM IV IN SQUARE Q 24/9 WITH ASHES AND CHARCOAL STICKING ON BOTH SIDES.



(*f*) EXTENSION OF PITS I AND II. PARTIAL VIEW OF FRACTIONAL BURIAL NO. 5440, FROM EAST.



(*a*) MOUND AS LEFT BY BRICK DIGGERS, FROM SOUTH-WEST-SOUTH.



(*b*) LONG VIEW OF CRUSHED POST-CREMATION URNS OF STRATUM V GOING ACROSS THE TRENCH, LOOKING WEST.



(*c*) GENERAL VIEW OF THE TRENCH SHOWING EXCAVATIONS IN THE BACKGROUND, AREA J, CEMETERY H AND MUSEUM, LOOKING SOUTH.



(*d*) LONG BRICK-ON-EDGE PAVEMENT OF STRATUM IV WITH SEVERAL PARTITIONS, LOOKING SOUTH.



(*e*) GENERAL VIEW SHOWING MUD BRICK TERRACE IN THE FOREGROUND, FROM SOUTH.



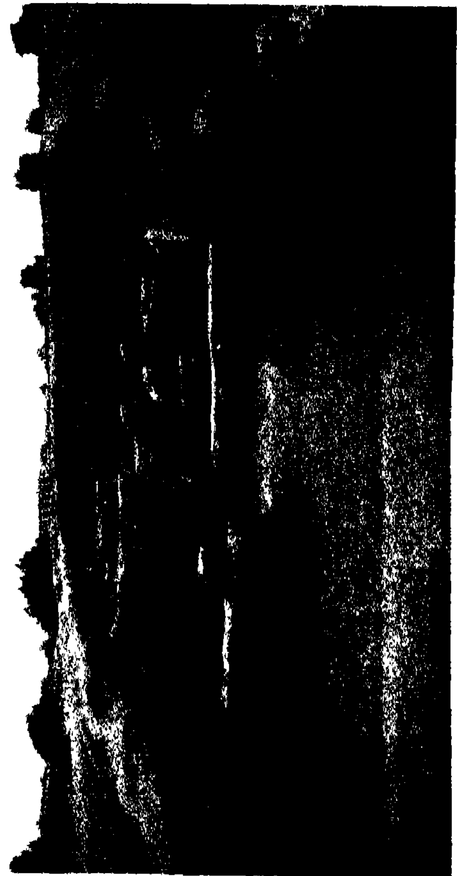
(*f*) DOUBLE WELL OF STRATUM III SHOWING TWO RINGS WITH CLAY FILLING IN BETWEEN.



(*a*) Trench I, General View from north-west.



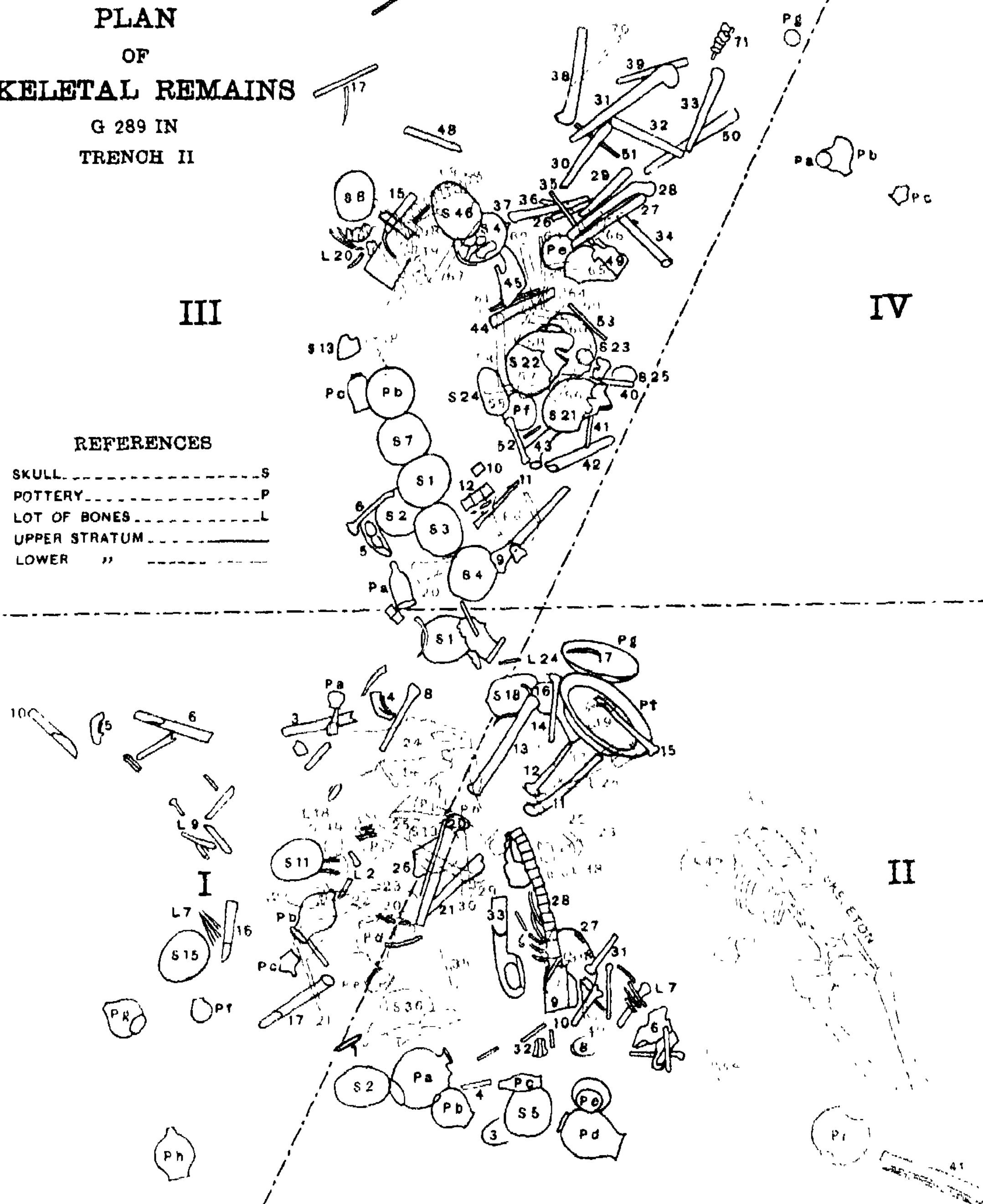
(*b*) Trench I, House 4 showing *Kachcha* rooms, from south-west.

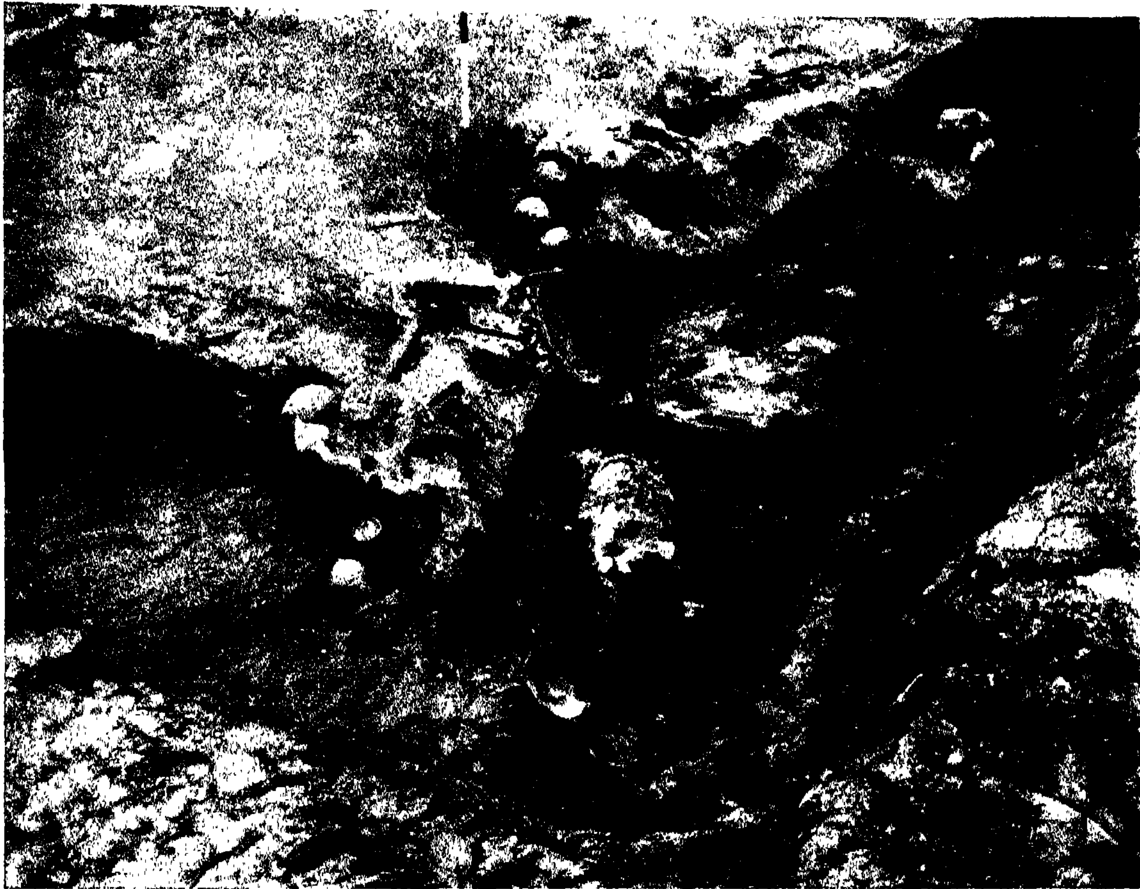


(*c*) Trench II, General view, looking south.



(*d*) Trench III, looking east.


HARAPPA. AREA G.
PLAN
OF
SKELETAL REMAINS
G 289 IN
TRENCH II
REFERENCES
SKULL .... S
POTTERY .... P
LOT OF BONES L
UPPER STRATUM
LOWER "
III
IV
I
II
N
SCALE
INCHES 12 9 6 3 0 1 2 3 4 FEET



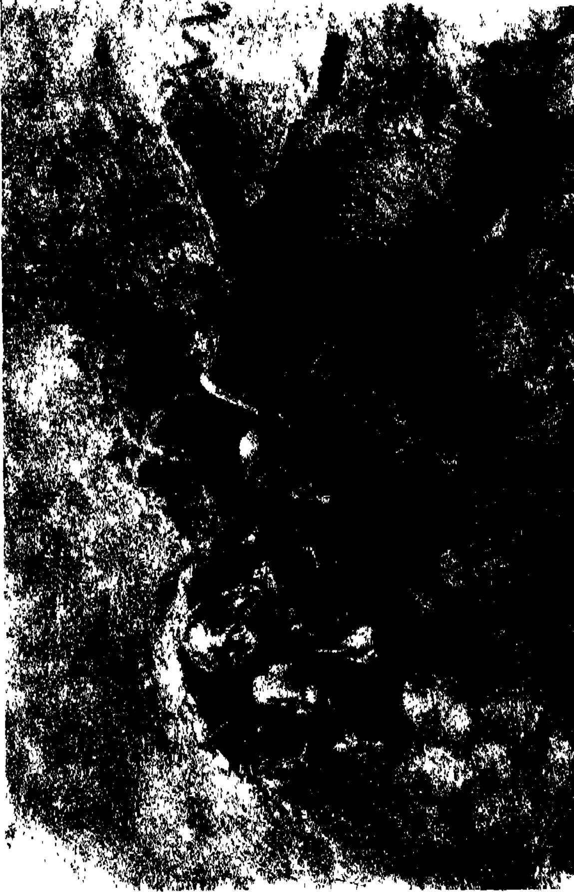
(*a*) PARTIAL VIEW OF THE SKELETAL REMAINS No. G 289, FROM SOUTH-EAST.



(*b*) POTTERY GROUP No. G 130 *in situ*.



(*a*) POTTERY GROUP No. G 15 *in situ*.



(*b*) PARTIAL VIEW OF SKELETAL REMAINS No. G 289 SHOWING SKULLS S21, S22, S23 AND S46, ETC., PACKED TOGETHER IN DIVISION III, FROM EAST.



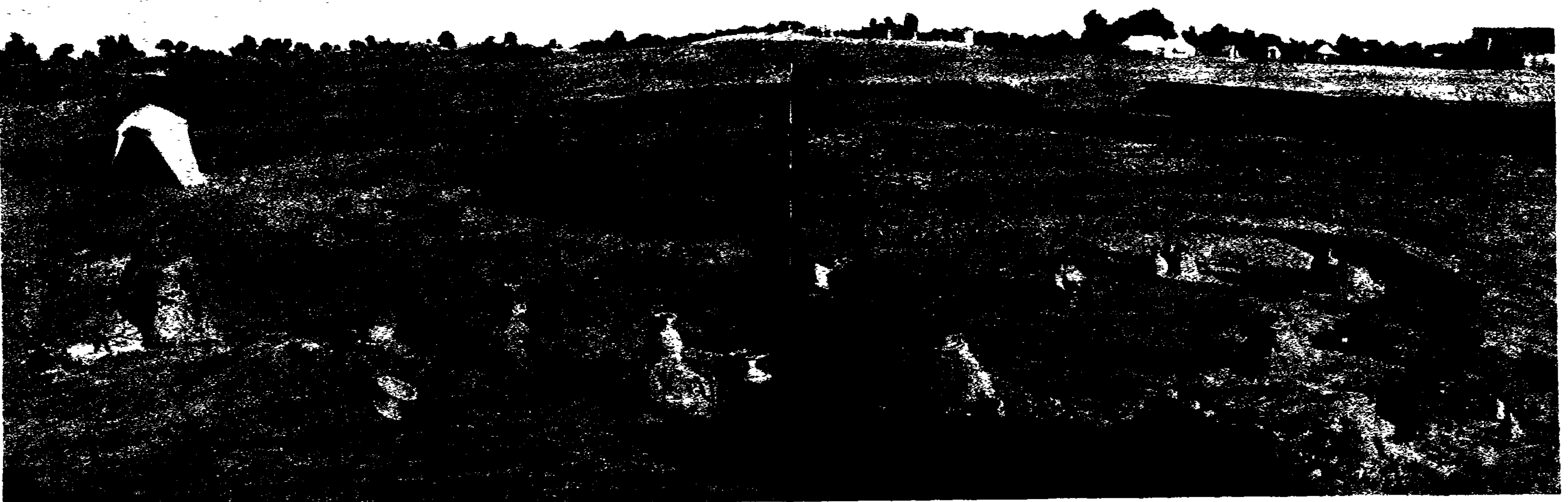
(*c*) PARTIAL VIEW OF SKELETAL REMAINS No. G 289 SHOWING SKULLS S1 TO S4 WITH FOOD PLATES, ETC., IN DIVISION III, FROM WEST.



(*d*) PARTIAL VIEW OF SKELETAL REMAINS No. G 289 WITH SOME ANIMAL AND HUMAN BONES IN DIVISION III, FROM SOUTH-EAST.



(*a*) Pot-burials of stratum I, panoramic view, from east.



(*b*) Earth-burials of stratum II, panoramic view, from west.



(*a*) WESTERN PART SHOWING POT-BURIALS OF STRATUM I, FROM NORTH.



(*b*) EASTERN EXTENSION SHOWING POT-BURIALS OF STRATUM I, FROM NORTH-EAST.



(*c*) GROUP OF POT-BURIALS NO. H 206 A TO K, FROM EAST.



(*d*) GROUPS OF POT-BURIALS NOS. H 151 TO H 154, FROM NORTH-WEST.



(*e*) GROUP OF POT-BURIALS NO. 7435 A TO G, FROM SOUTH-EAST.



(*a*) Central Portion showing burial pottery of strata I and II, from south-east.



(*b*) Deep digging at the north-east corner showing river silt and pockets of rubbish, looking north.



(*c*) Burial pottery of stratum II, from south.



(*d*) Group of pot-burials No. H 231, from west.



(*e*) Burial pottery of strata I and II in squares R 33/25 and R 34/21, from north-east.



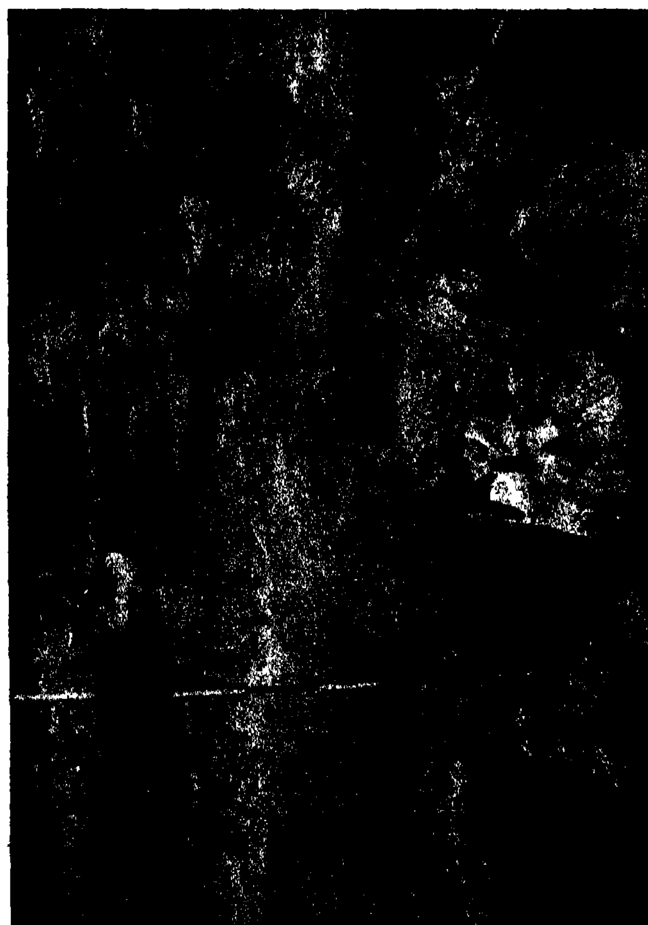
(*f*) Earth-burial No. H 184, etc., from north.



(*a*) Extension of Western Section. Pot-burials of stratum I, general view, from east.



(*b*) Extension of Western Section. Fractional burials of stratum II, general view, from east.



(*c*) Extension of Western Section. Detail view of some fractional burials of stratum II, from south.



(*d*) Western Section. Pot-burials Nos. H. 243 to H. 248 crushed by the impact of cart traffic, from south-west.



(*a*) Burial No. H 696.



(*b*) Burial No. H 710.



(*c*) Burial No. H 695.



(*d*) Burial No. H 699.



(*e*) Burial No. H 485.



(*f*) Burial No. H 488.



(*a*) BURIAL NO. H 698 WITH A SACRIFICED GOAT TO RIGHT.



(*b*) BURIAL NO. H 306.



(*c*) BURIAL NO. H 184.



(*d*) BURIAL NO. H 307.



(*a*) BURIAL NO. H 484.



(*b*) BURIAL NO. H 501.



(*c*) BURIAL NO. H 502.



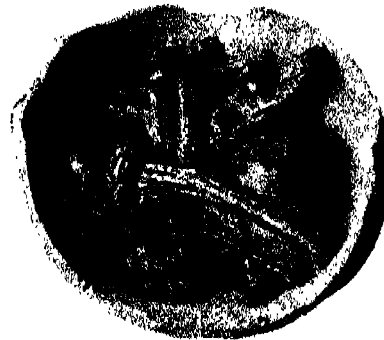
(*d*) BURIAL NO. H 697.



(*a*) CONTENTS OF THE BURIAL-POT No. H 245*a*.



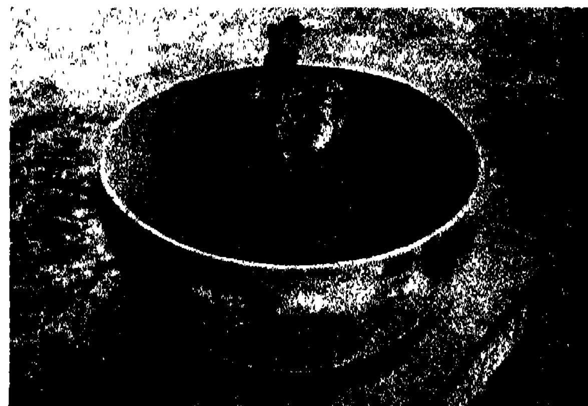
(*b*) CONTENTS OF THE BURIAL-POT No. H 249.



(*c*) CONTENTS OF THE BURIAL-POT No. H 61.



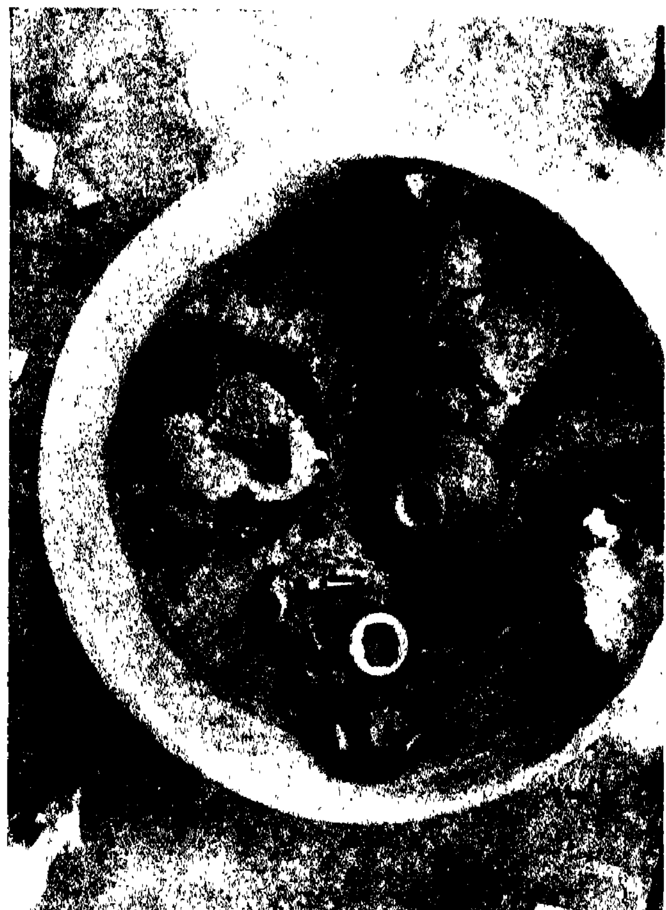
(*d*) CONTENTS OF THE BURIAL-POT No. H 206*a*.



(*e*) CONTENTS OF THE BURIAL-POT No. H 231.



(a) BURIAL-POT NO. H 231 CONTAINING ONLY A CHILD'S SKULL.



(b) CONTENTS OF THE BURIAL-POT NO. H 154a ALSO SHOWING A NARROW-NECKED VASE.



(c) BURIAL-POT NO. H 245 CONTAINING ONLY A PART OF A LOWER LEG.



(d) BURIAL-POT NO. H 153 CONTAINING ONLY A CHILD'S SKULL.



(e) POT-BURIAL NO. H 83 SHOWING A BABY IN EMBRYONIC POSITION.



(*a*) POT-BURIAL No. H165A CONTAINING A BABY IN EMBRYONIC POSITION.



(*b*) POT-BURIAL No. H622 CONTAINING A BABY IN EMBRYONIC POSITION.



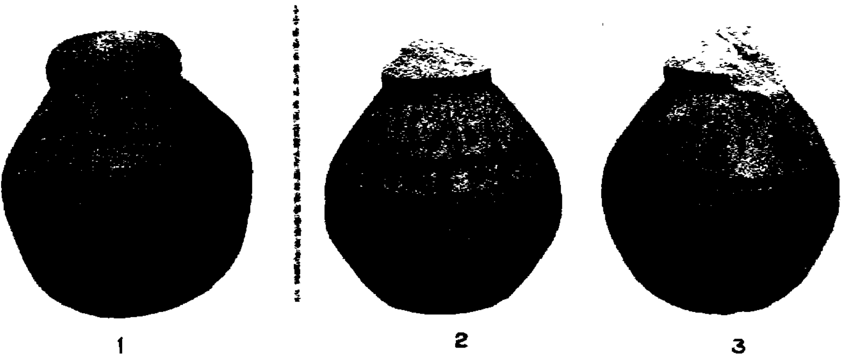
(*c*) POT-BURIAL No. H679 CONTAINING A BABY IN EMBRYONIC POSITION.



(*d*) POT-BURIAL No. H148A CONTAINING A BABY IN EMBRYONIC POSITION.



(*a*) The first pot-burials No. 3931 a to c.



(*b*) Pot-burials Nos. H 206 *a* and *b* and H 245 *k* painted with mythological scenes.



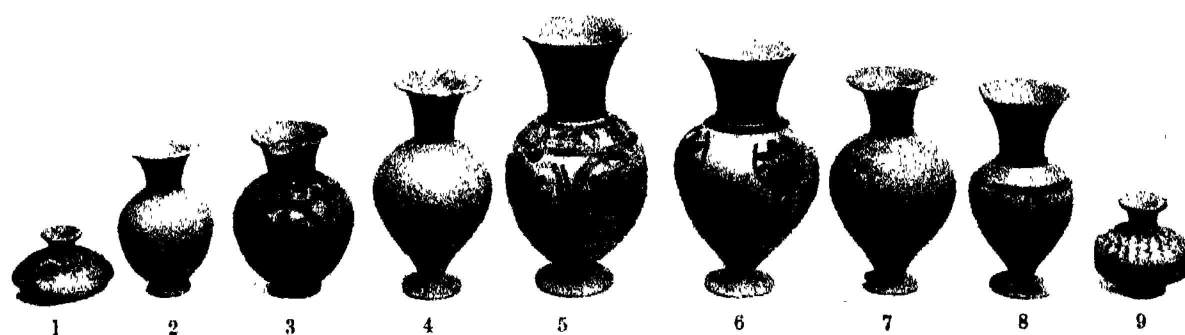
(*c*) Types of burial jars which contained babies in embryonic position.



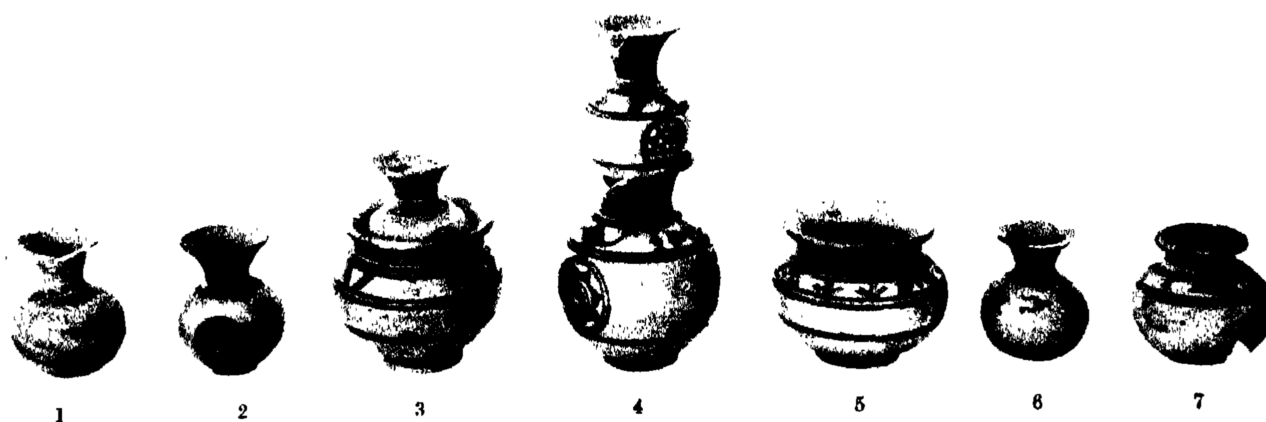
(*d*) Types of burial food-plates from stratum II.



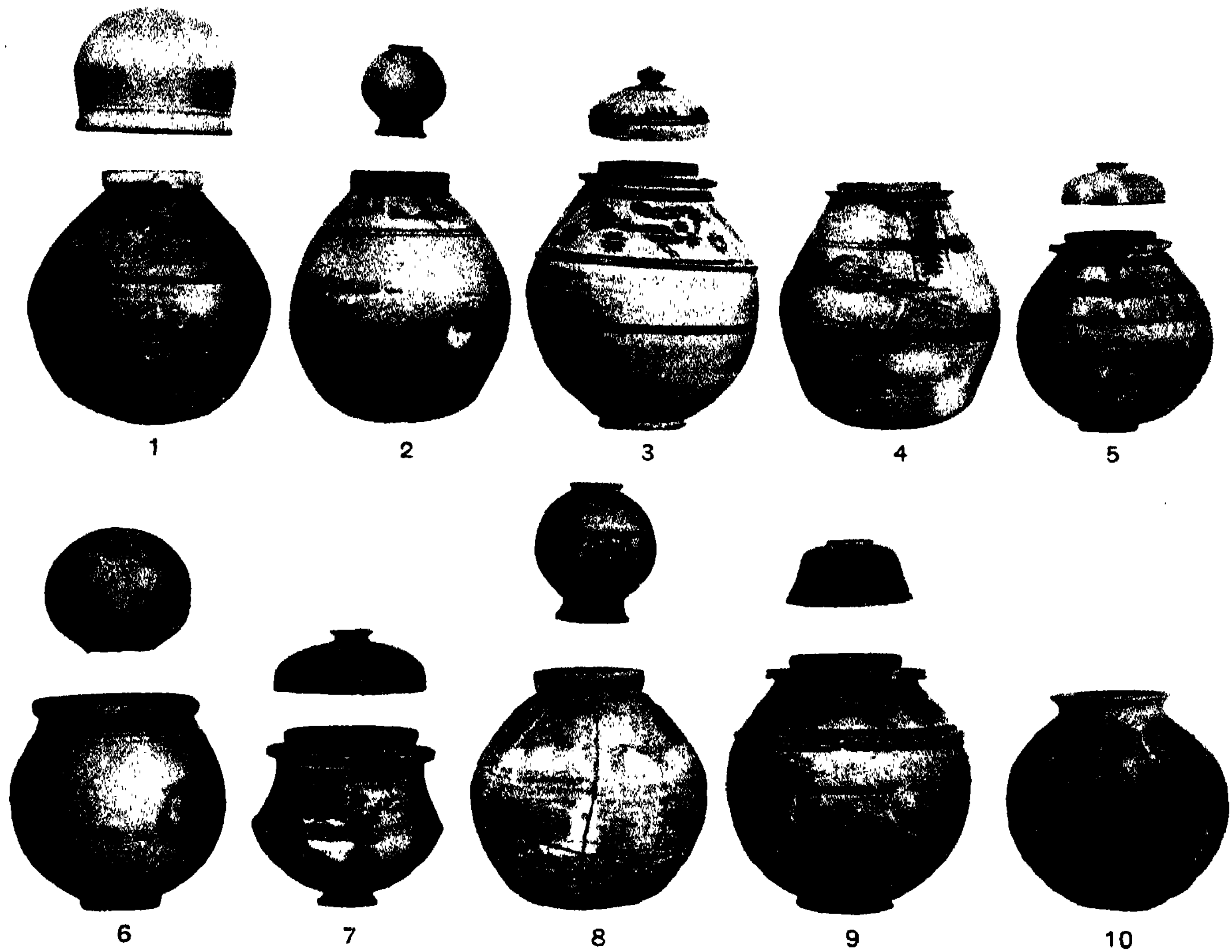
(*a*) AREA G, TRENCH III. GENERAL VIEW FROM SOUTH.



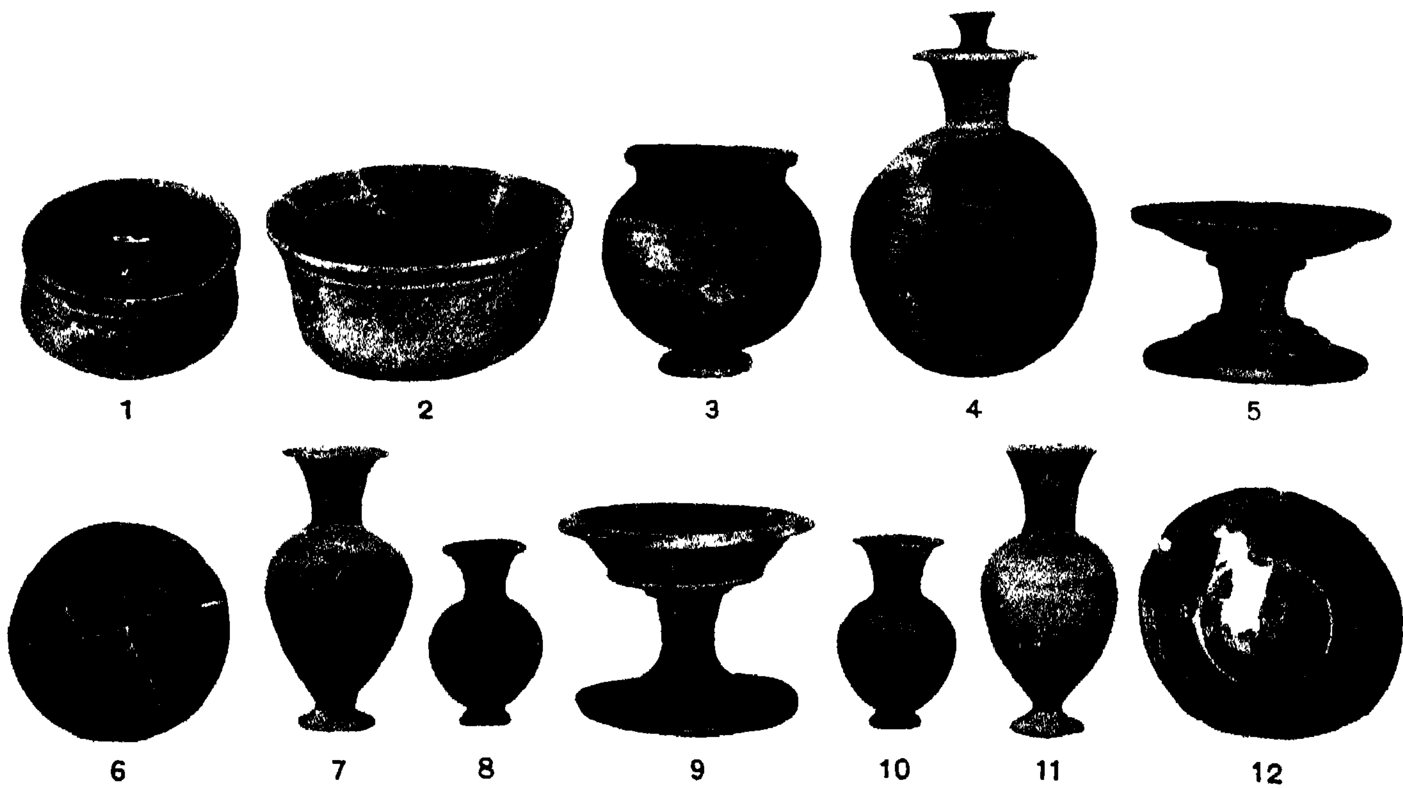
(*b*) CEMETERY H. FLASKS, ETC., MOSTLY OF STRATUM II.



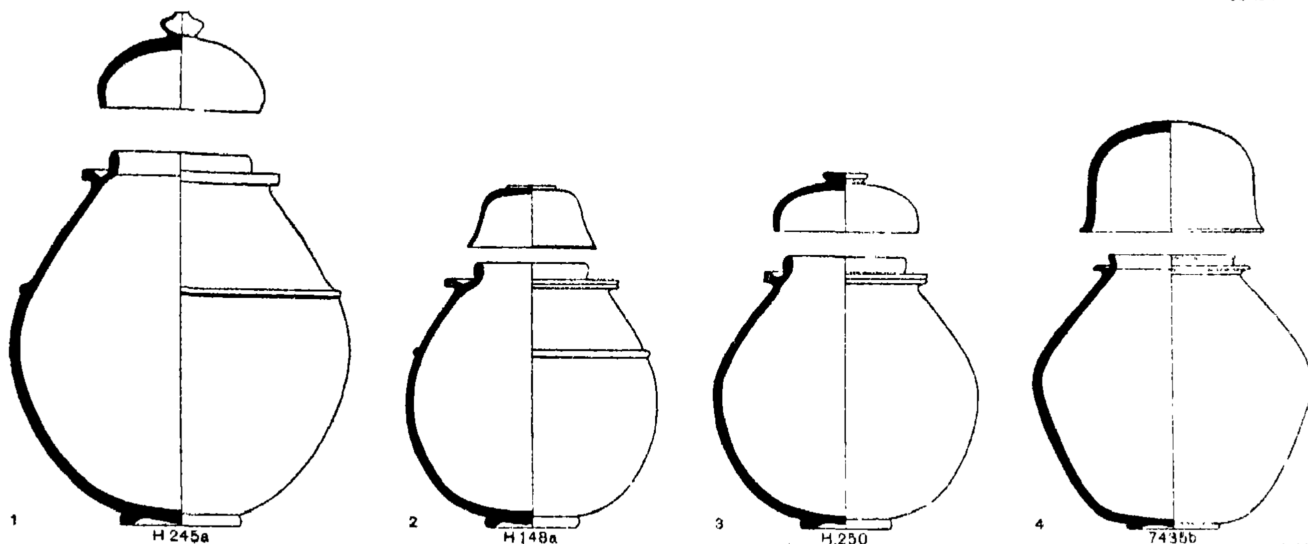
(*c*) CEMETERY H. POTTERY OF STRATUM II.

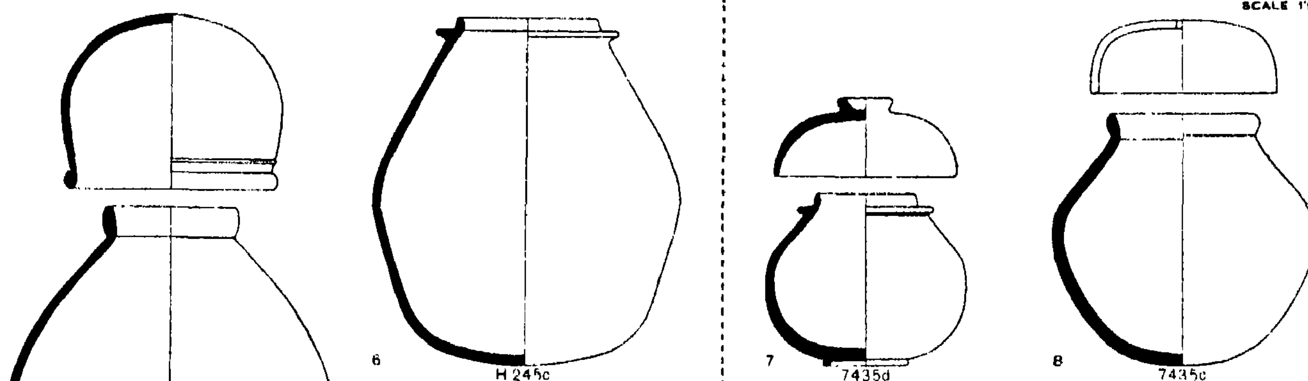


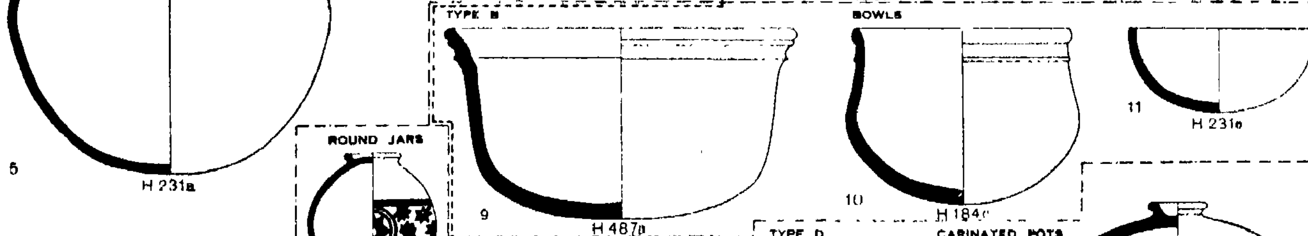
(*a*) Types of burial-pots of stratum I with their covers.

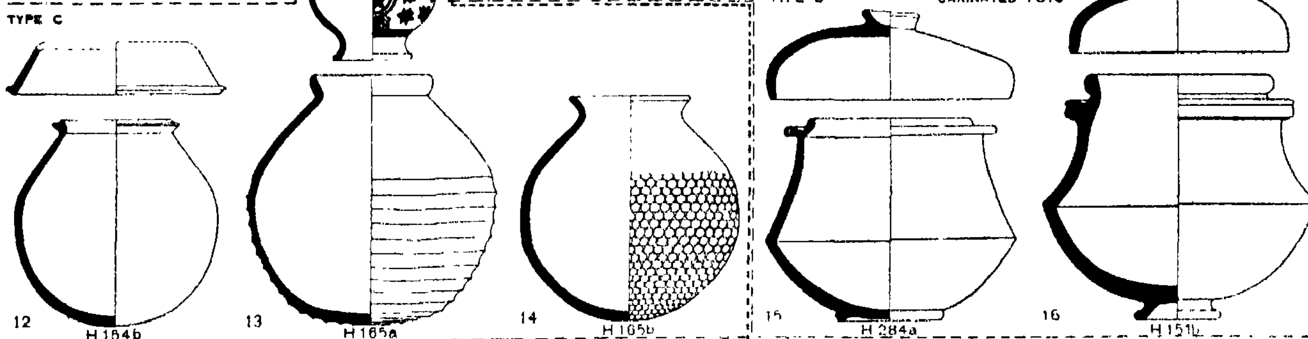


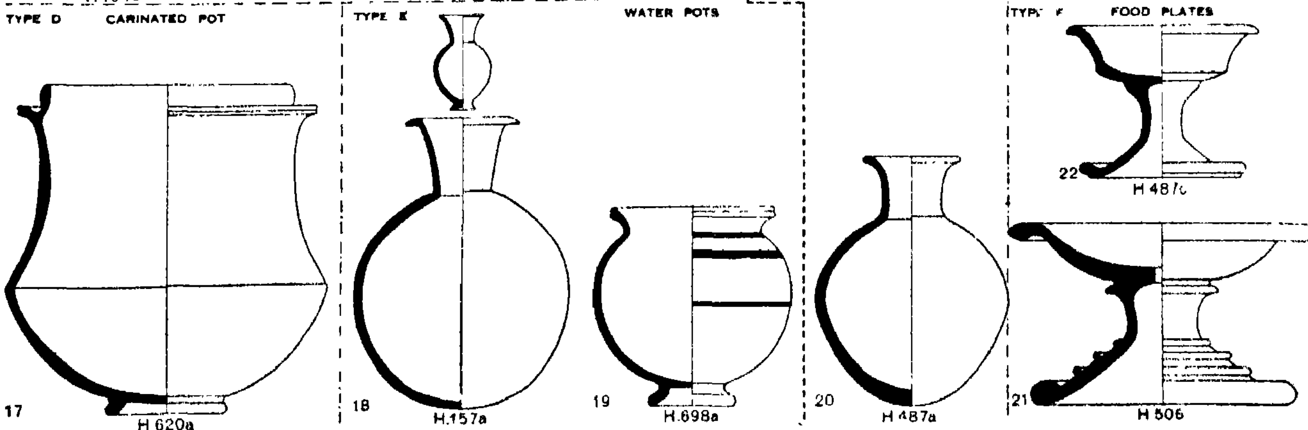
(*b*) Types of pottery found with earth-burials of stratum II.


TYPE A
SCALE 1:12
1
H 245a
2
H 148a
3
H 250
4
7435b


SCALE 1:9
5
H 231a
6
H 245c
7
7435d
8
7435c

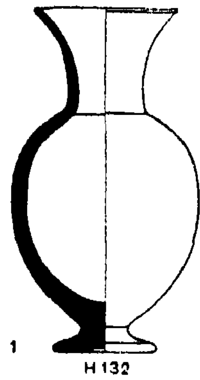

TYPE B
BOWLS
ROUND JARS
9
H 487a
10
H 184c
11
H 231e

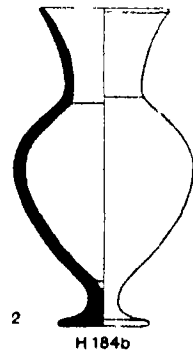

TYPE C
TYPE D
CARINATED POTS
12
H 154b
13
H 165a
14
H 165b
15
H 284a
16
H 151b

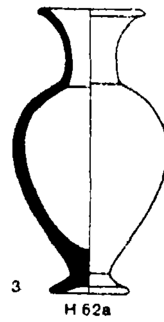

TYPE D
CARINATED POT
TYPE E
WATER POTS
FOOD PLATES
17
H 620a
18
H 157a
19
H 698a
20
H 487a
21
H 506
22
H 487c

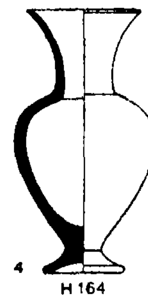
SCALE 1.6

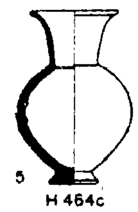
TYPE G


1 H 132

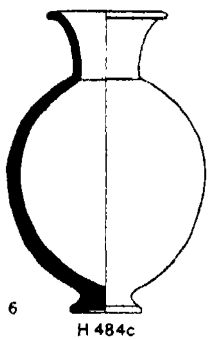

2 H 184b

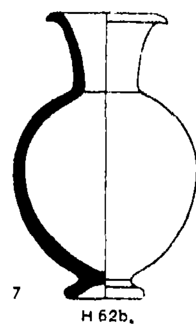

3 H 62a

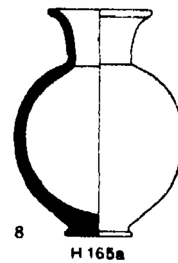

4 H 164

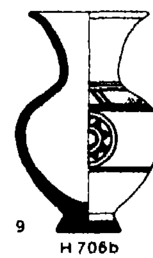

5 H 464c

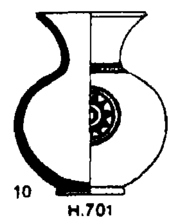
SCALE 1:4


6 H 484c

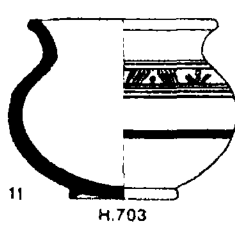

7 H 62b.

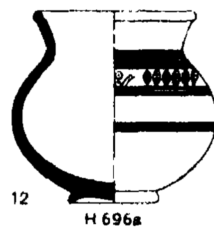

8 H 165a


9 H 706b

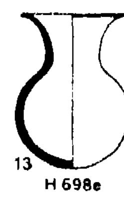

10 H.701

TYPE H WATER POTS

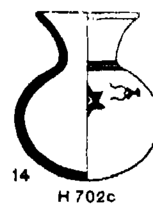

11 H.703

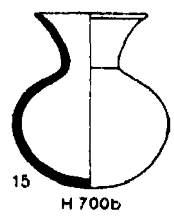

12 H 696a

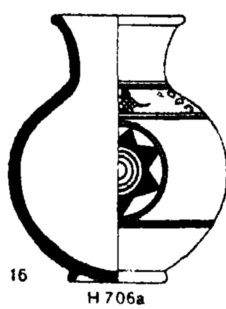
TYPE I

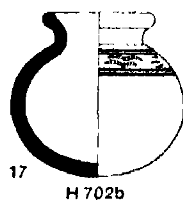

13 H 698e

ROUND VASES

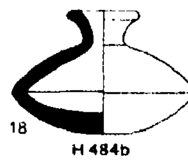

14 H 702c

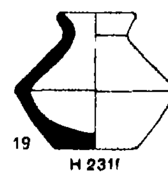

15 H 700b

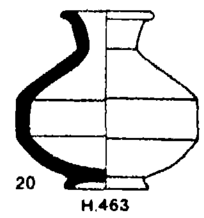

16 H 706a


17 H 702b

TYPE J MISCELLANEOUS VASES

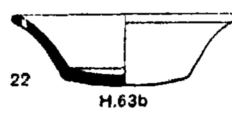

18 H 484b

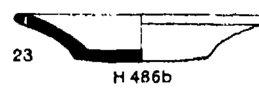

19 H 231f

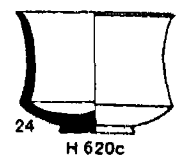

20 H.463

TYPE K SAUCERS


21 H 184h


22 H.63b

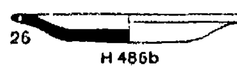

23 H 486b


24 H 620c

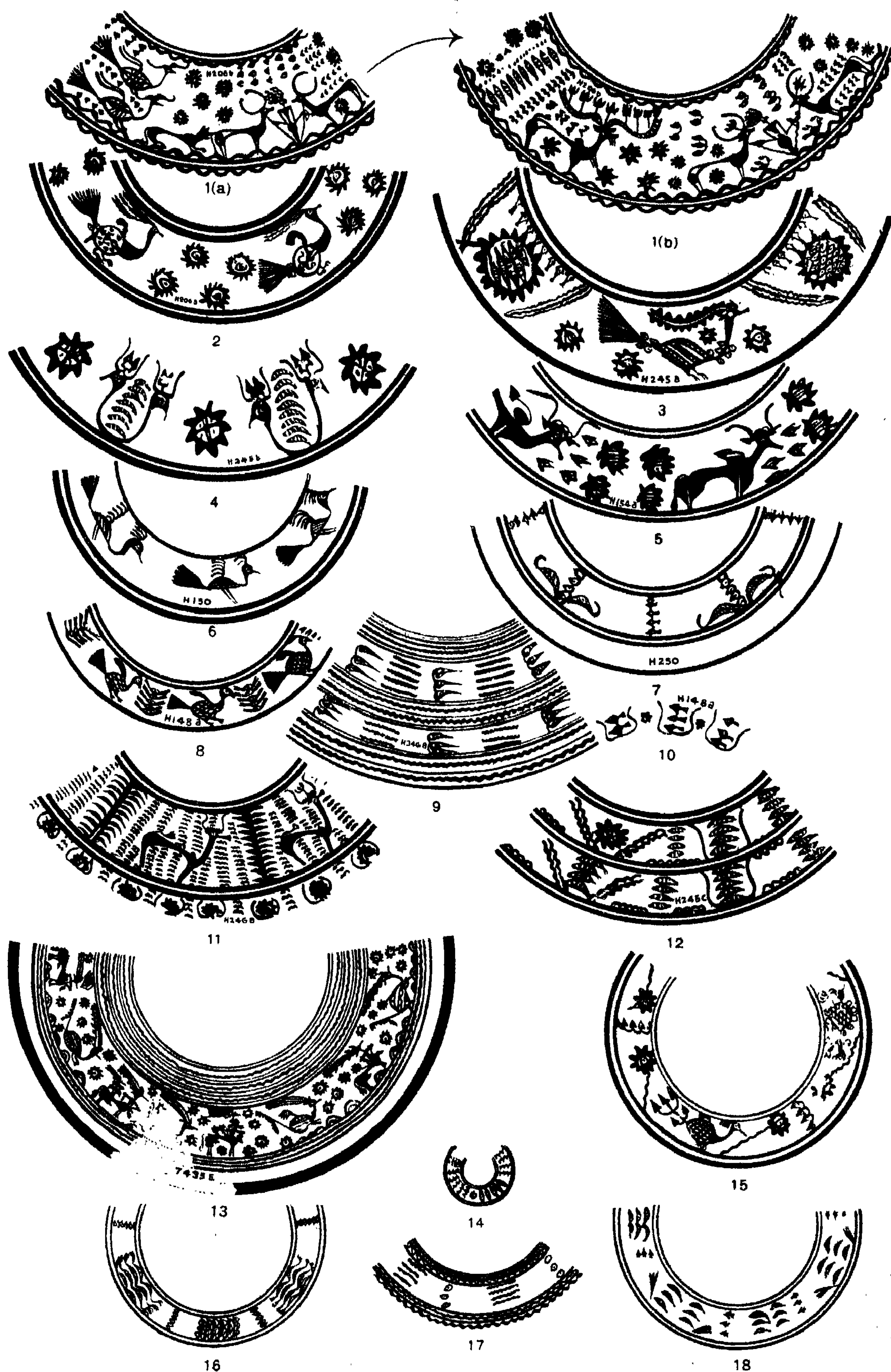
TYPE L PLAIN DISH


25 H 700a

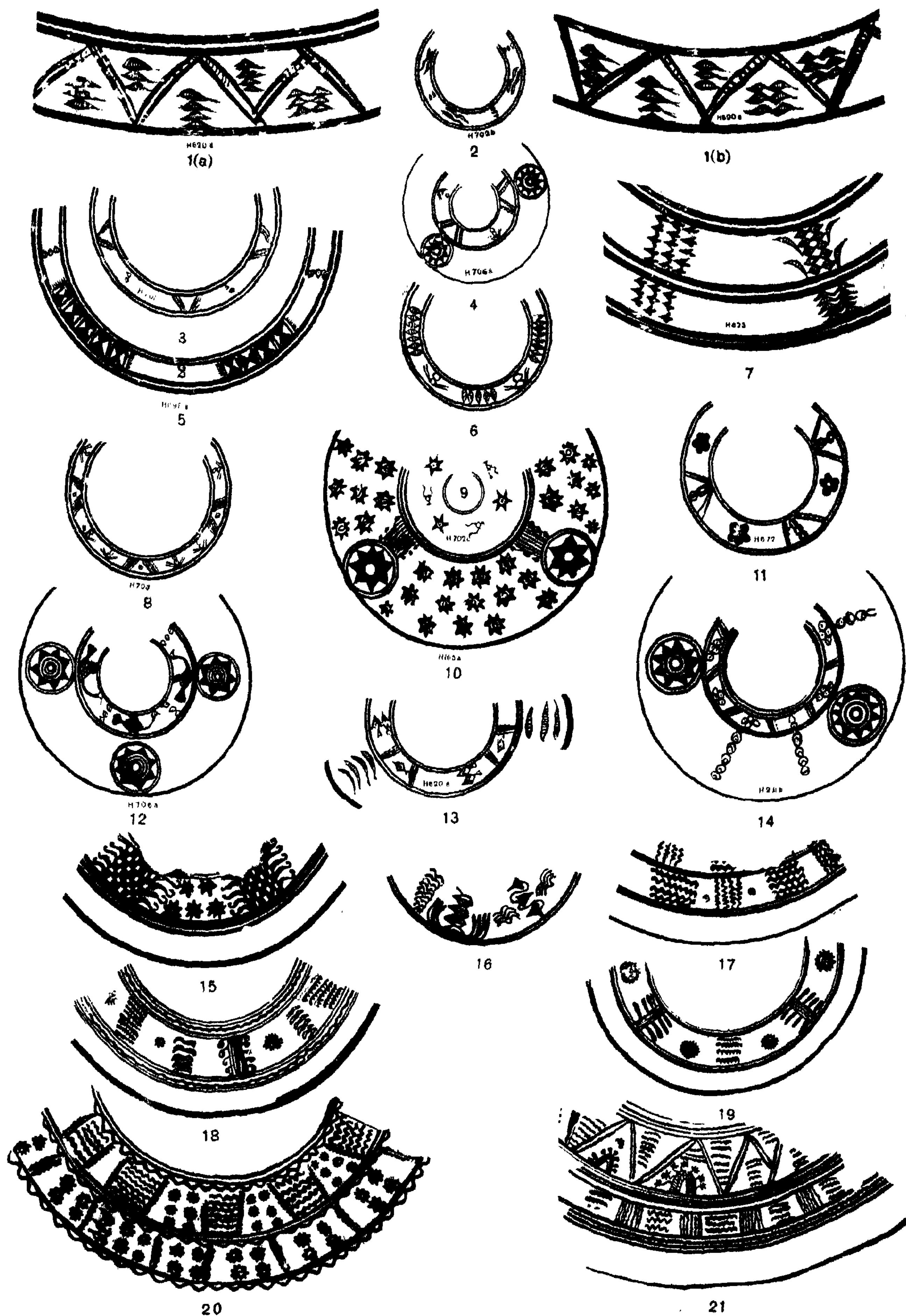
TYPE M FLAT COVERS


26 H 486b

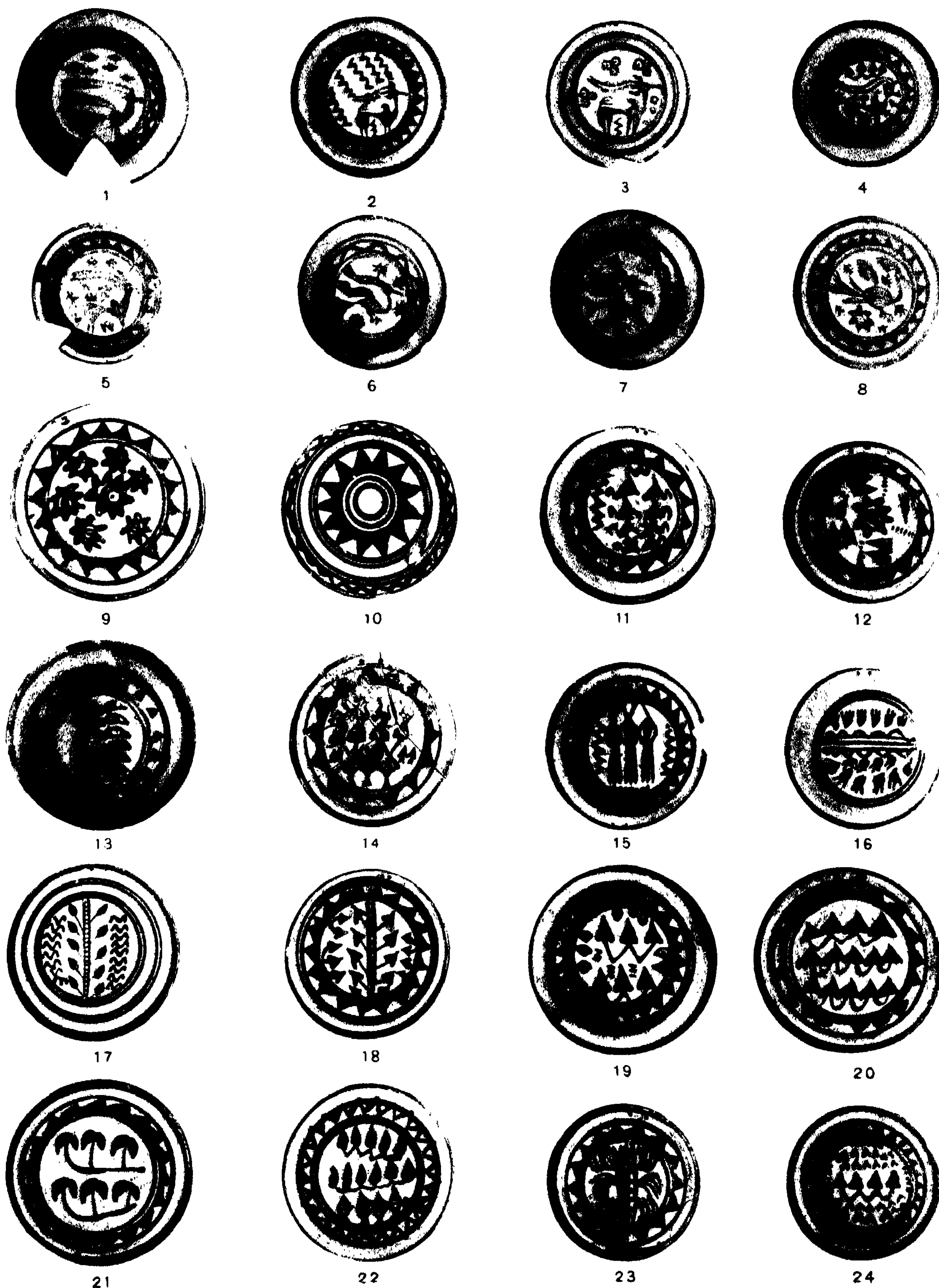

27 H 501c



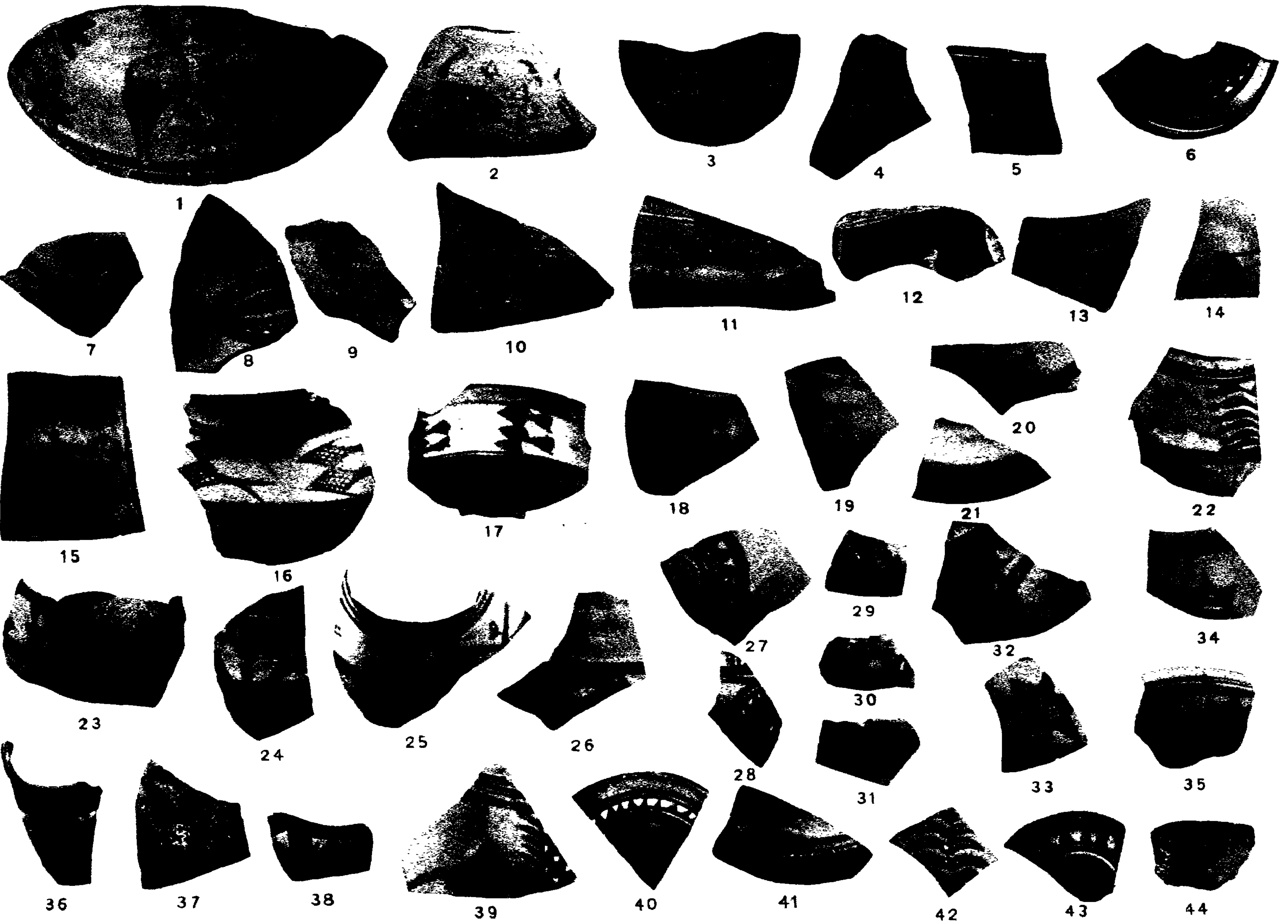
CEMETERY H. PAINTINGS ON BURIAL JARS.



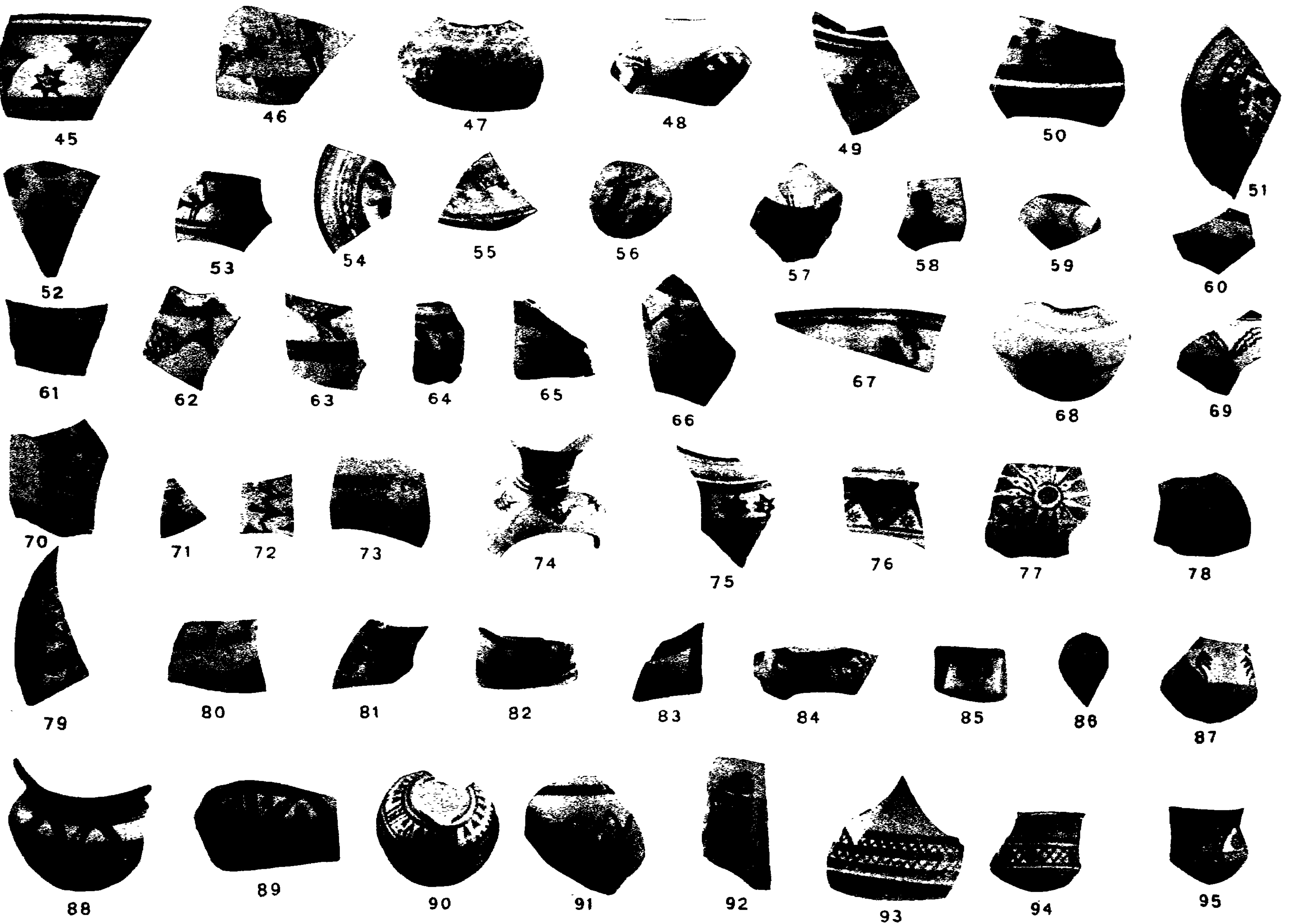
CEMETERY H. PAINTINGS ON BURIAL JARS.



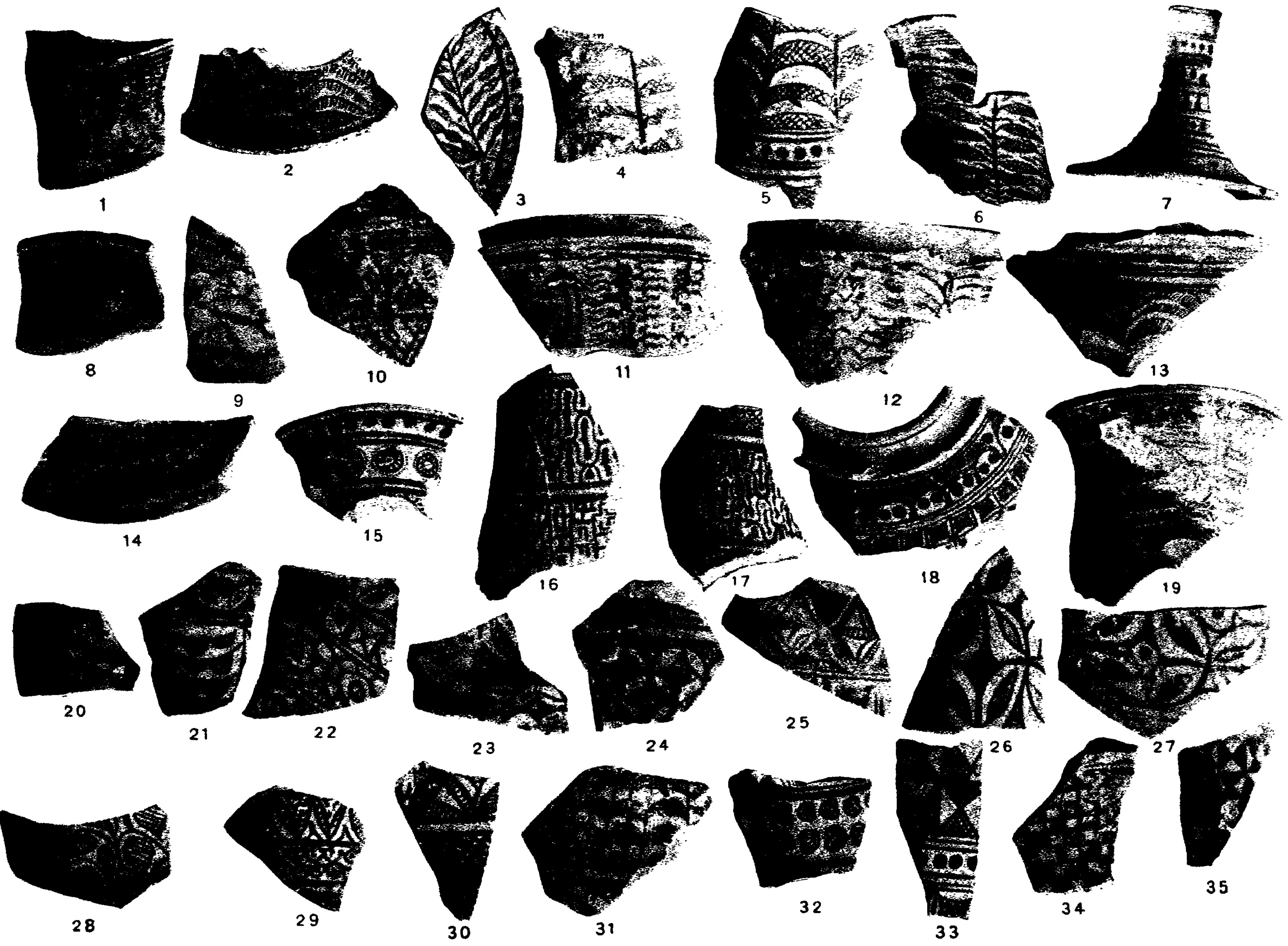
CEMETERY H. PAINTINGS ON THE UNDERSIDE OF FLAT COVERS FROM STRATUM II.



PAINTED SHERDS FROM MOUNDS TYPICAL OF BURIAL POTTERY.

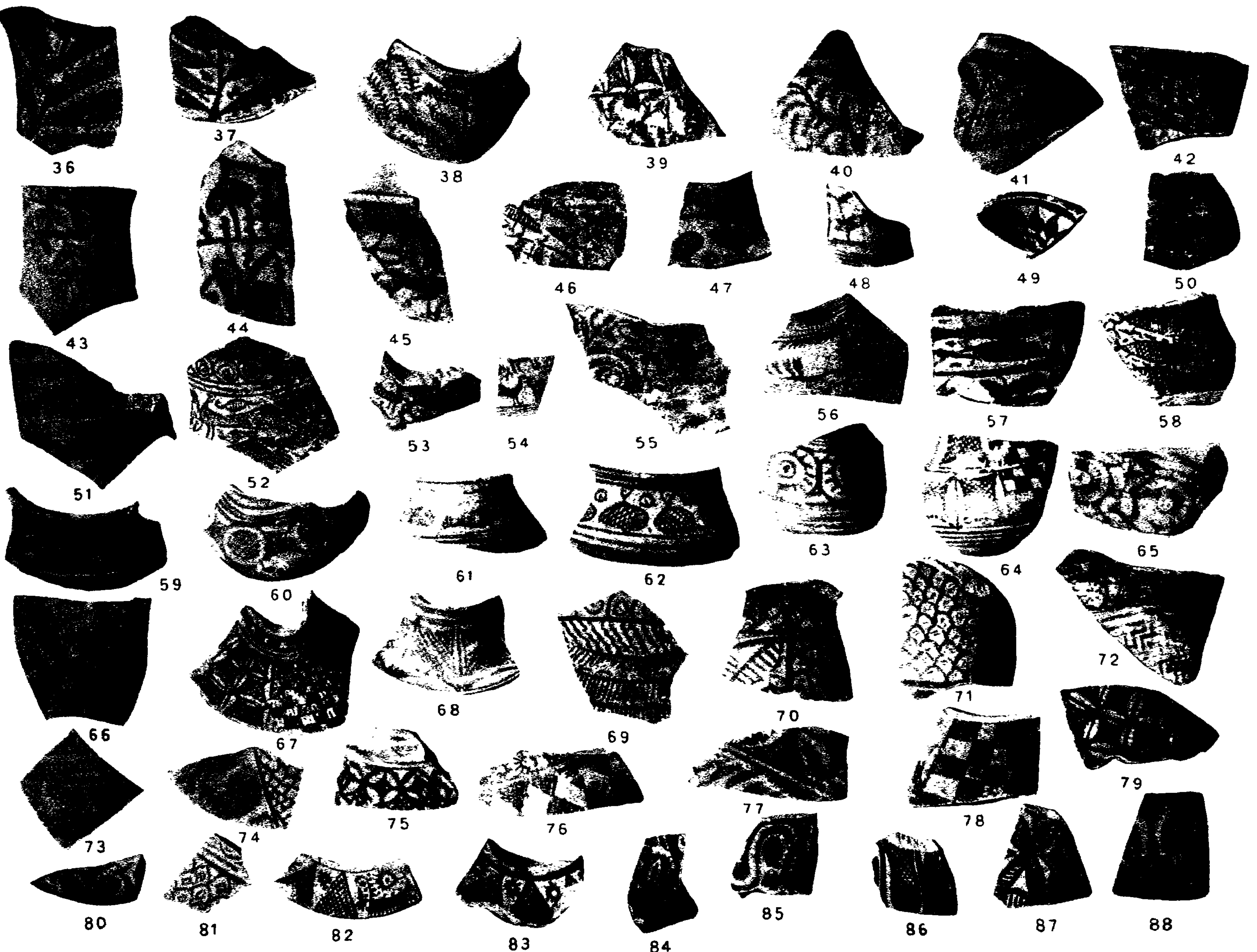


PAINTED SHERDS FROM MOUNDS TYPICAL OF BURIAL POTTERY.

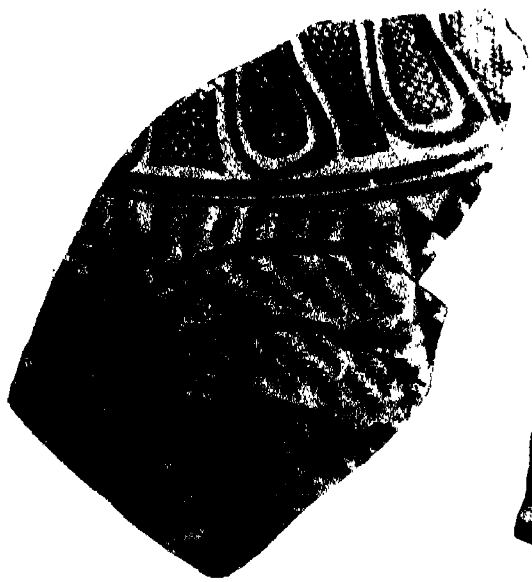


PAINTED SHERDS FROM MOUNDS TYPICAL OF HOUSEHOLD VESSELS.

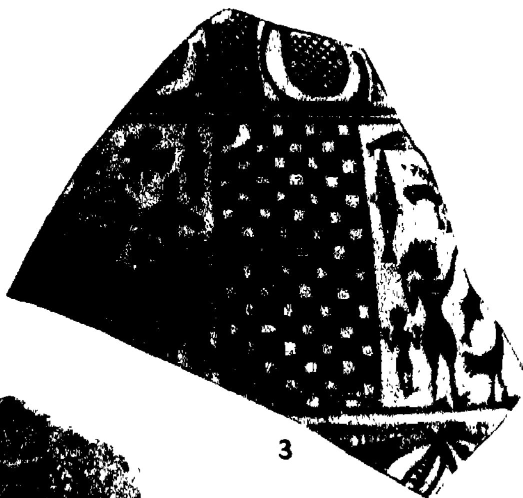
PLATE LXVIII.



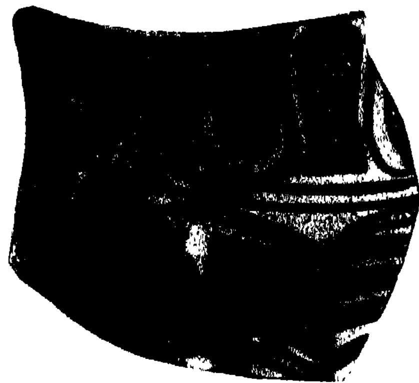
PAINTED SHERDS FROM MOUNDS TYPICAL OF HOUSEHOLD VESSELS.



1



3



4



2



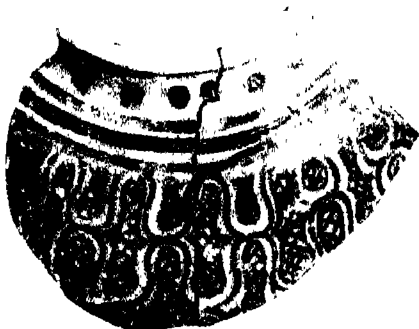
5



6



7



8



9



9a



10



11



12



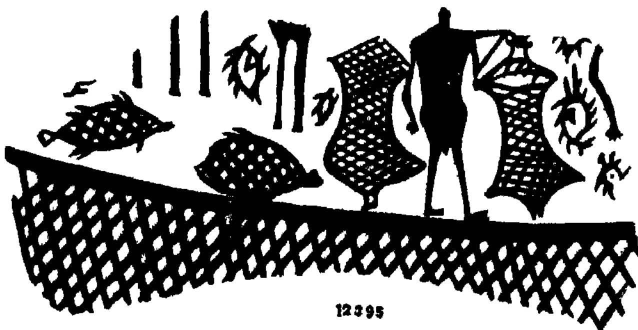
13



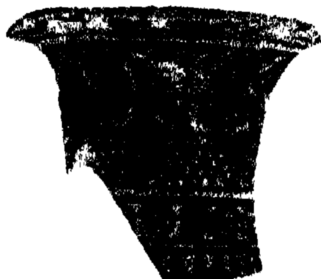
14



15



16

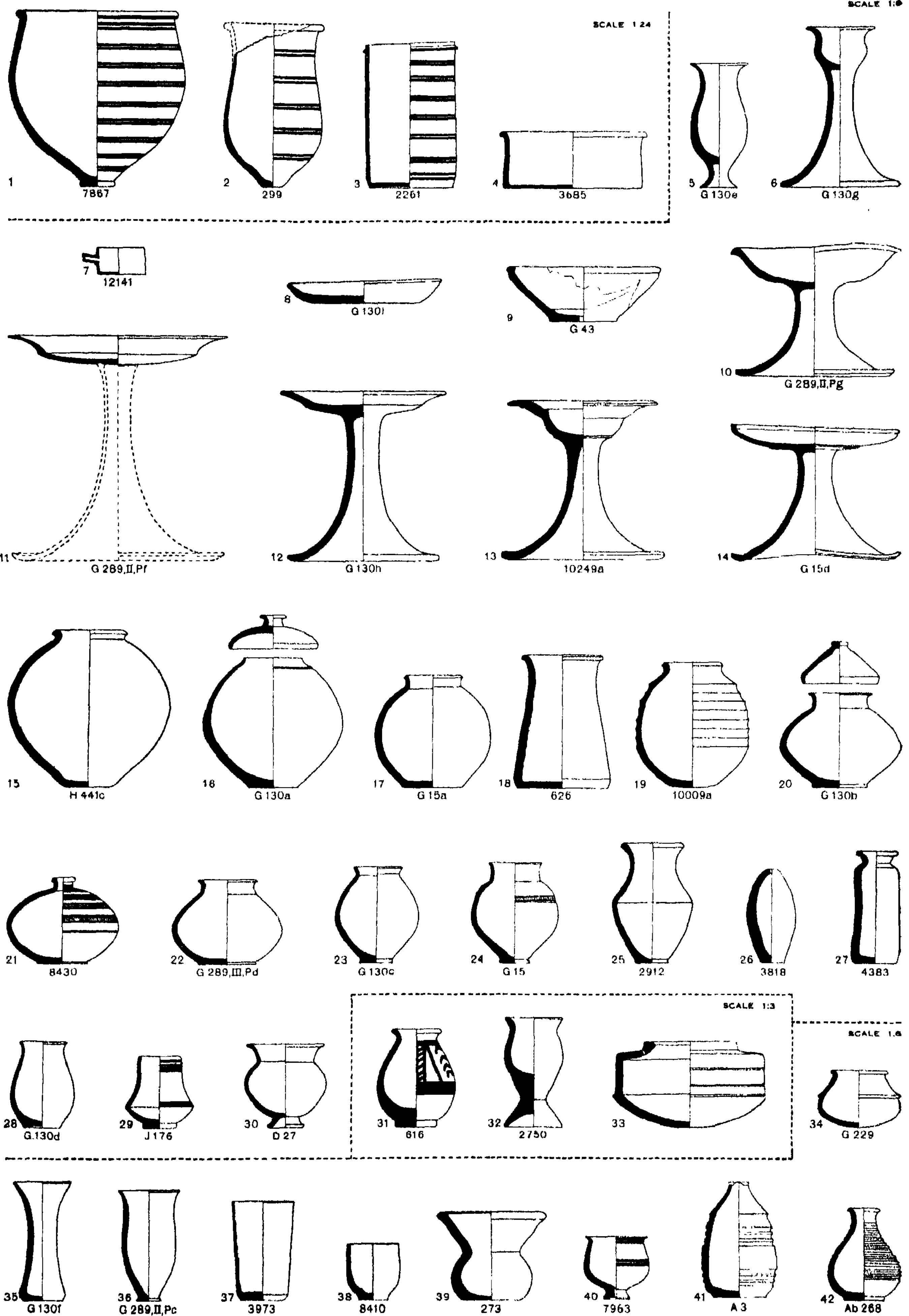


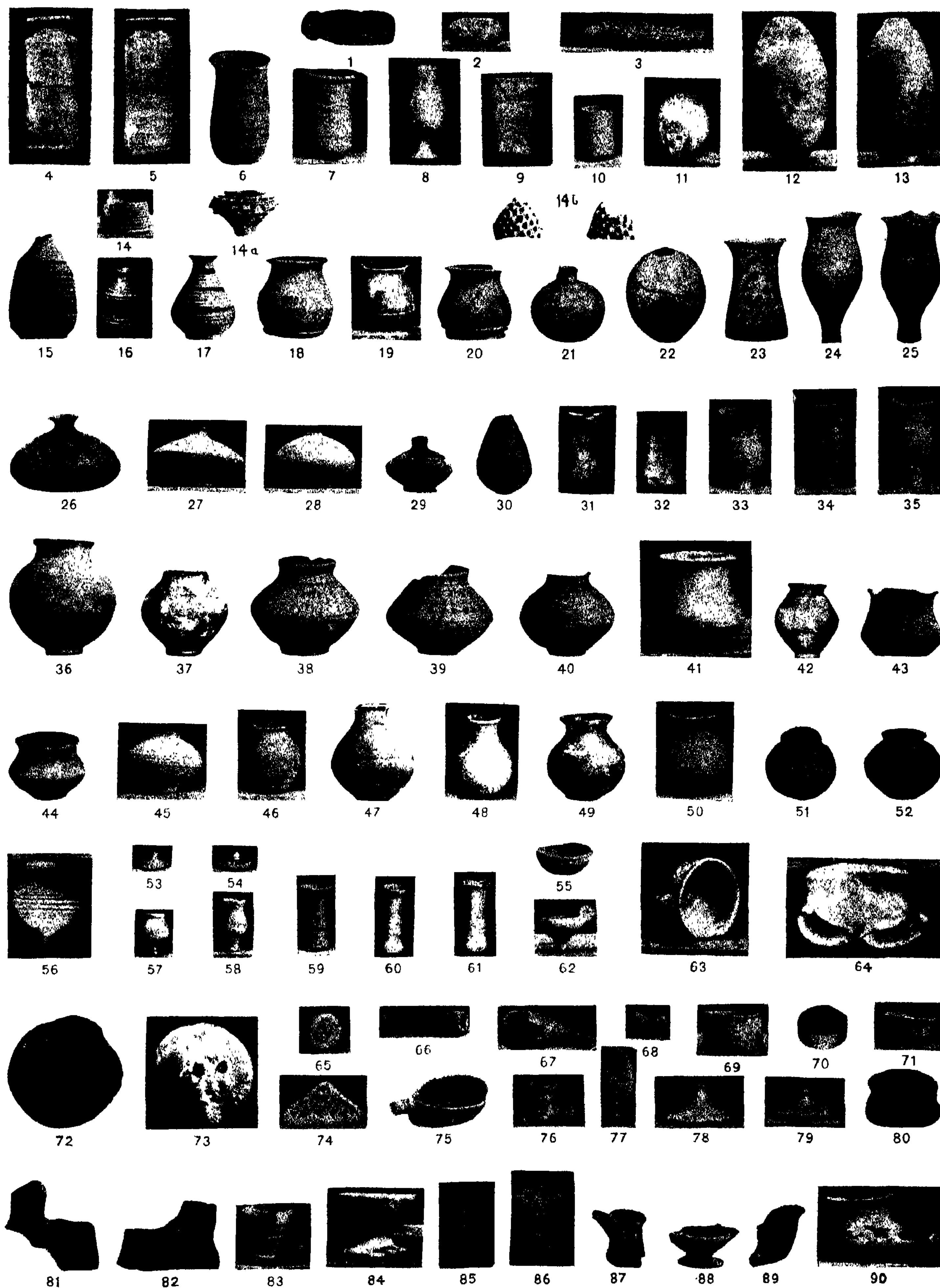
17



18

PAINTED POTTERY FROM THE MOUNDS.

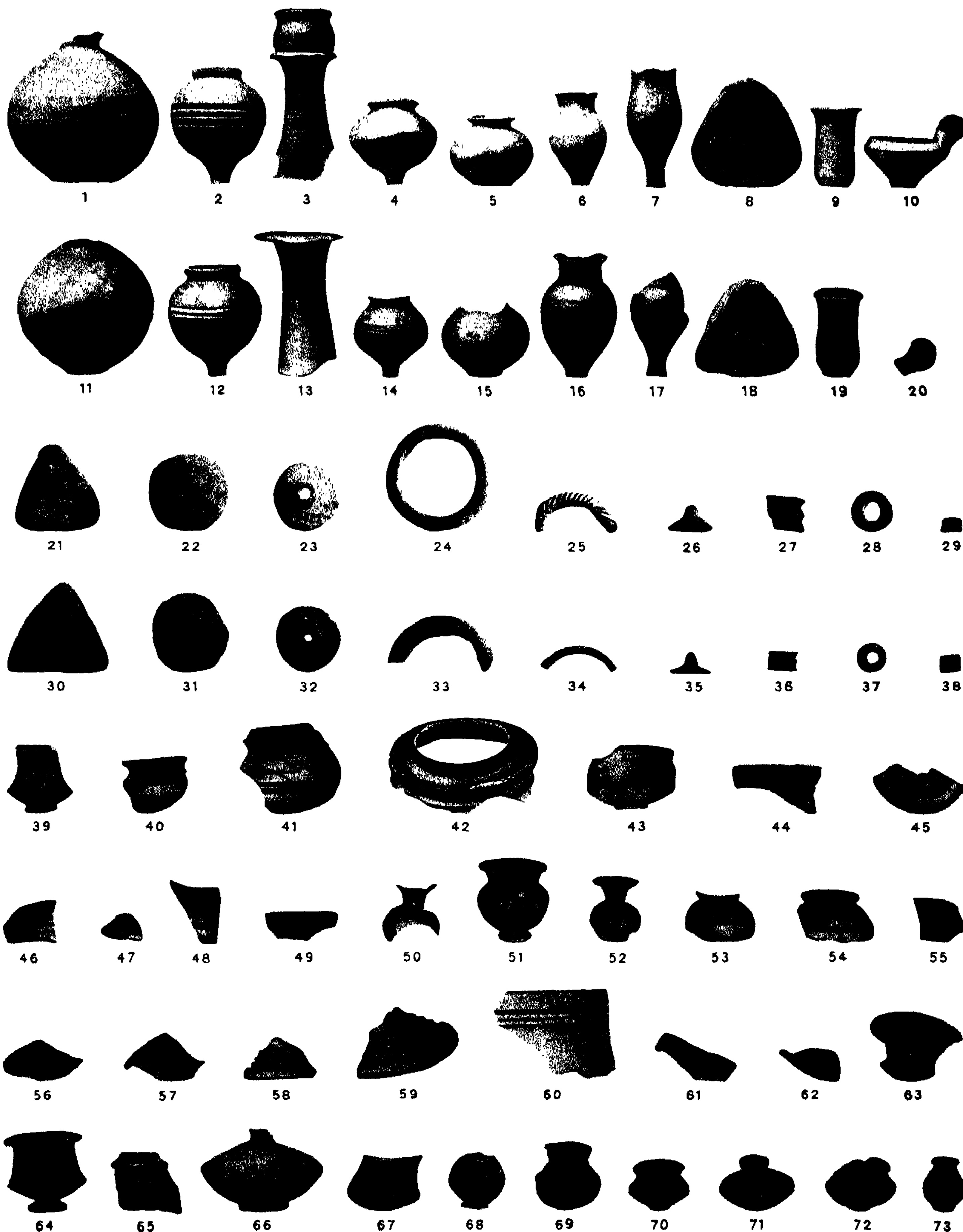

SCALE 1:24
SCALE 1:8
SCALE 1:3
SCALE 1:6
1 7867
2 299
3 2261
4 3685
5 G 130e
6 G 130g
7 12141
8 G 130i
9 G 43
10 G 289,II,Pg
11 G 289,II,Pf
12 G 130h
13 10249a
14 G 15d
15 H 441c
16 G 130a
17 G 15a
18 626
19 10009a
20 G 130b
21 8430
22 G 289,III,Pd
23 G 130c
24 G 15
25 2912
26 3818
27 4383
28 G.130d
29 J 176
30 D 27
31 616
32 2750
33
34 G 229
35 G 130f
36 G 289,II,Pc
37 3973
38 8410
39 273
40 7963
41 A 3
42 Ab 268



MISCELLANEOUS POTTERY.



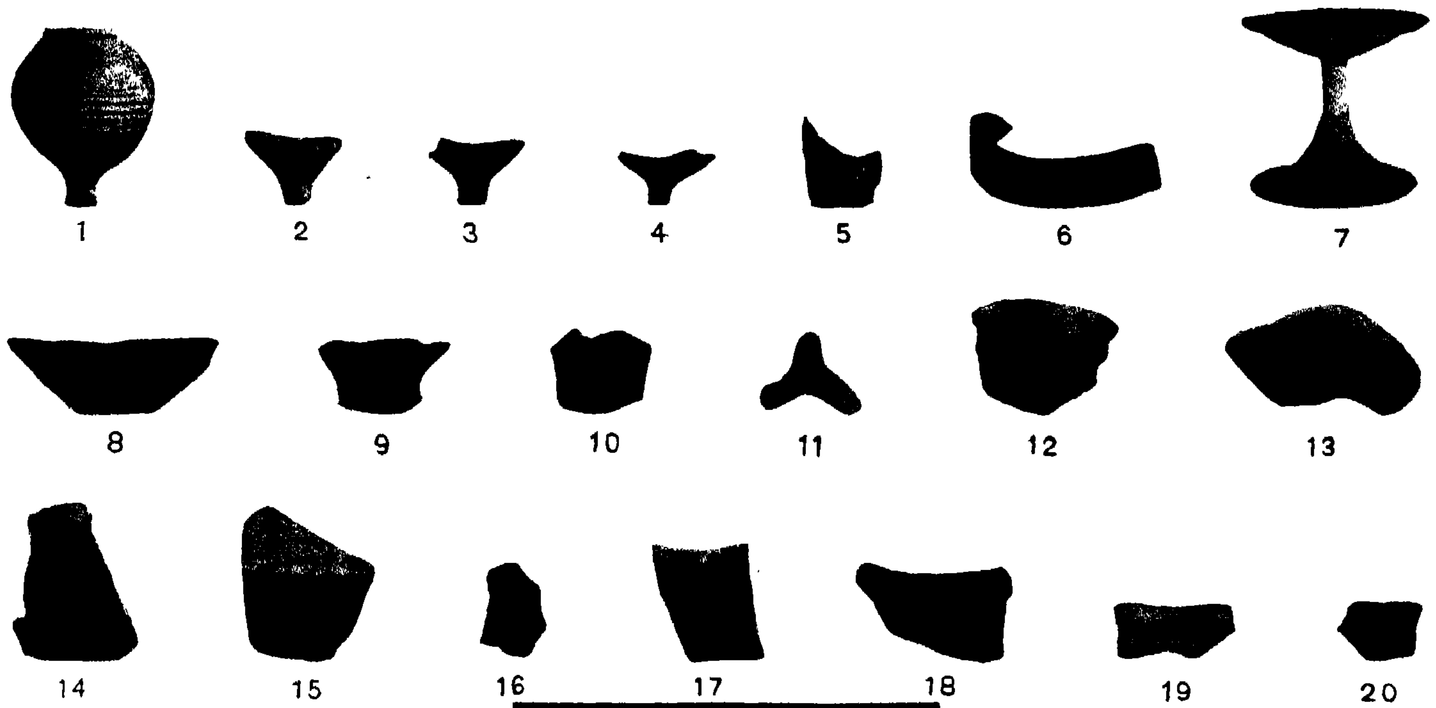
VESSELS AND MISCELLANEOUS OBJECTS OF TERRACOTTA.

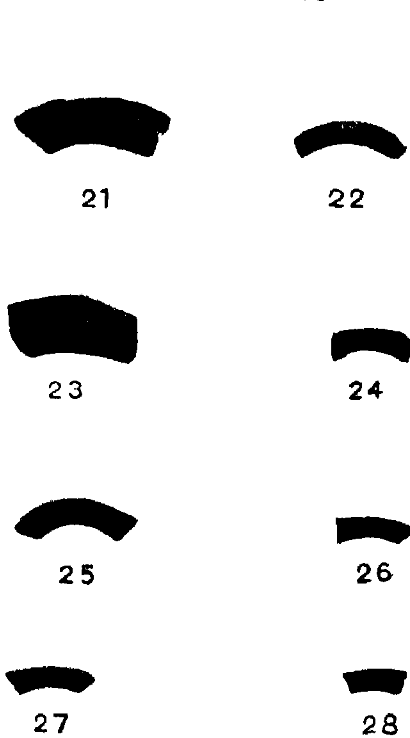


MISCELLANEOUS OBJECTS FROM HARAPPA AND KOTLA NIHANG, AND POTTERY TYPICAL OF CEMETERY H FROM HARAPPA.

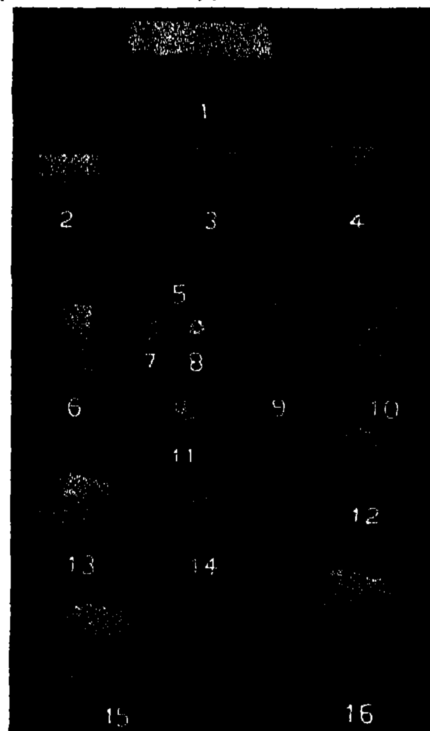


(*a*) COMMON TYPES OF HOUSEHOLD JARS FROM HARAPPA.

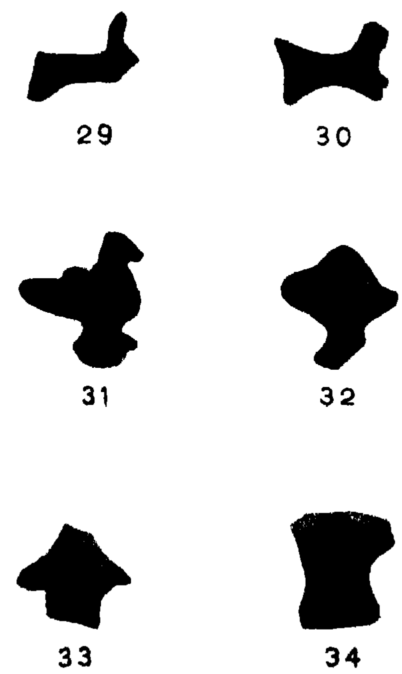




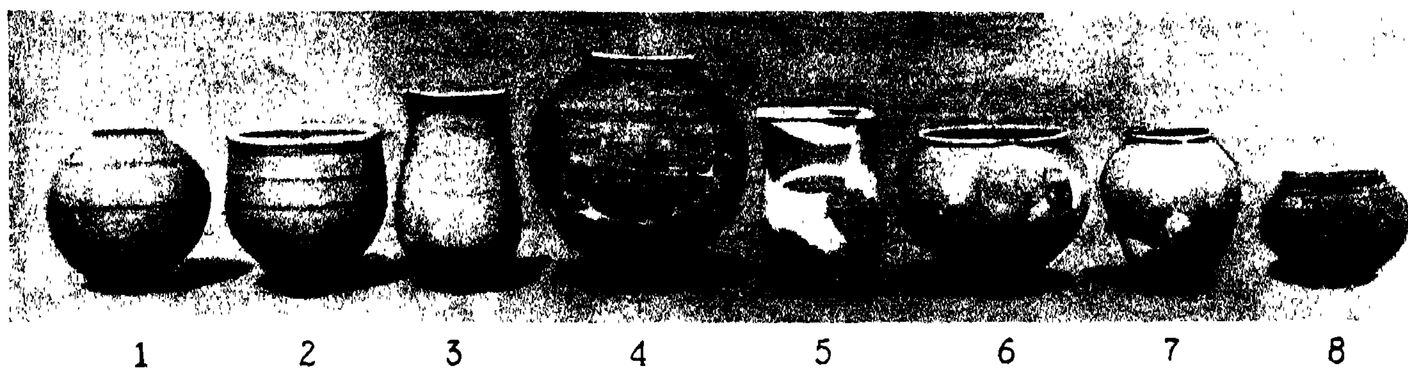
(*c*) POTTERY OBJECTS.



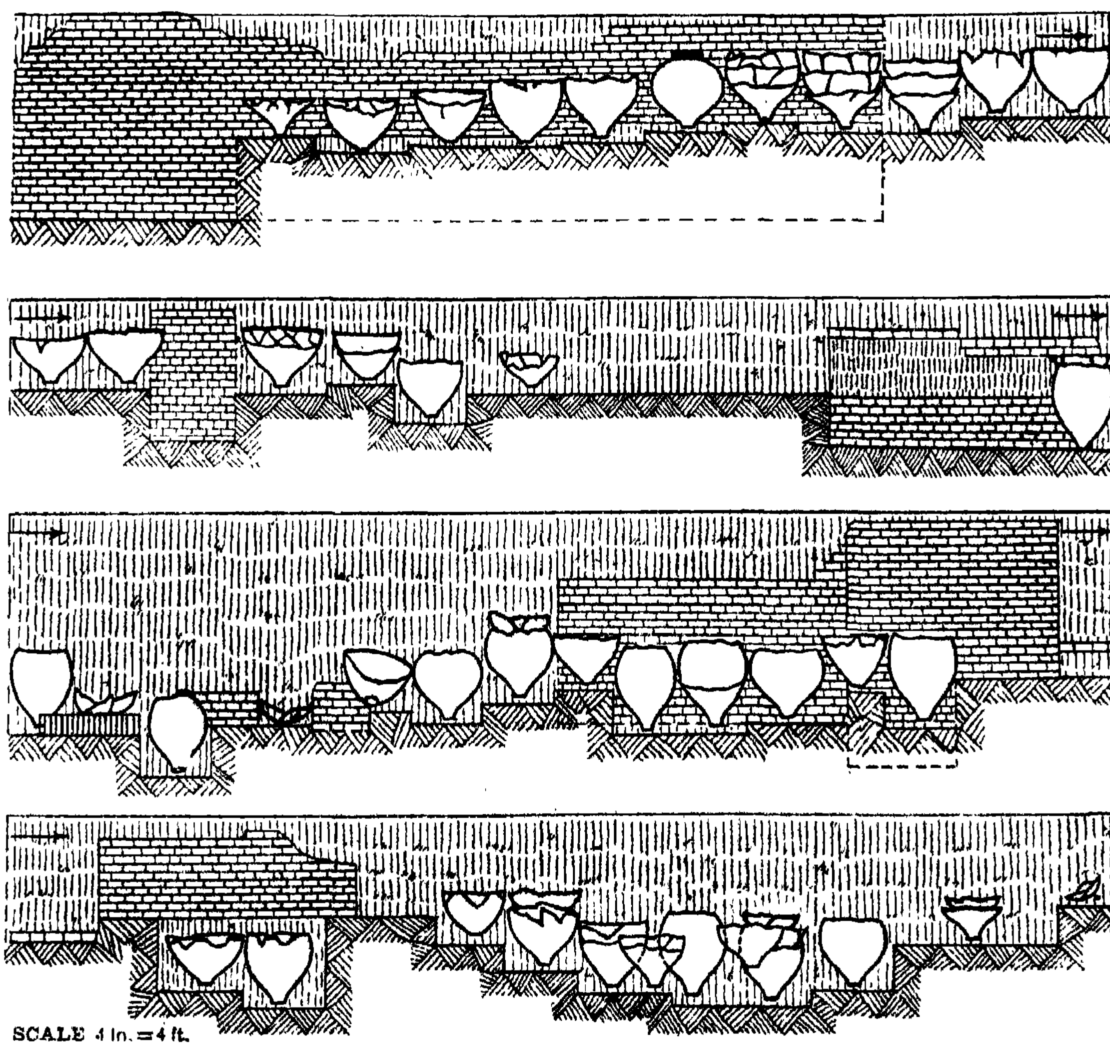
(*b*) MISCELLANEOUS OBJECTS FROM CHAK PURBANE SIYAL.



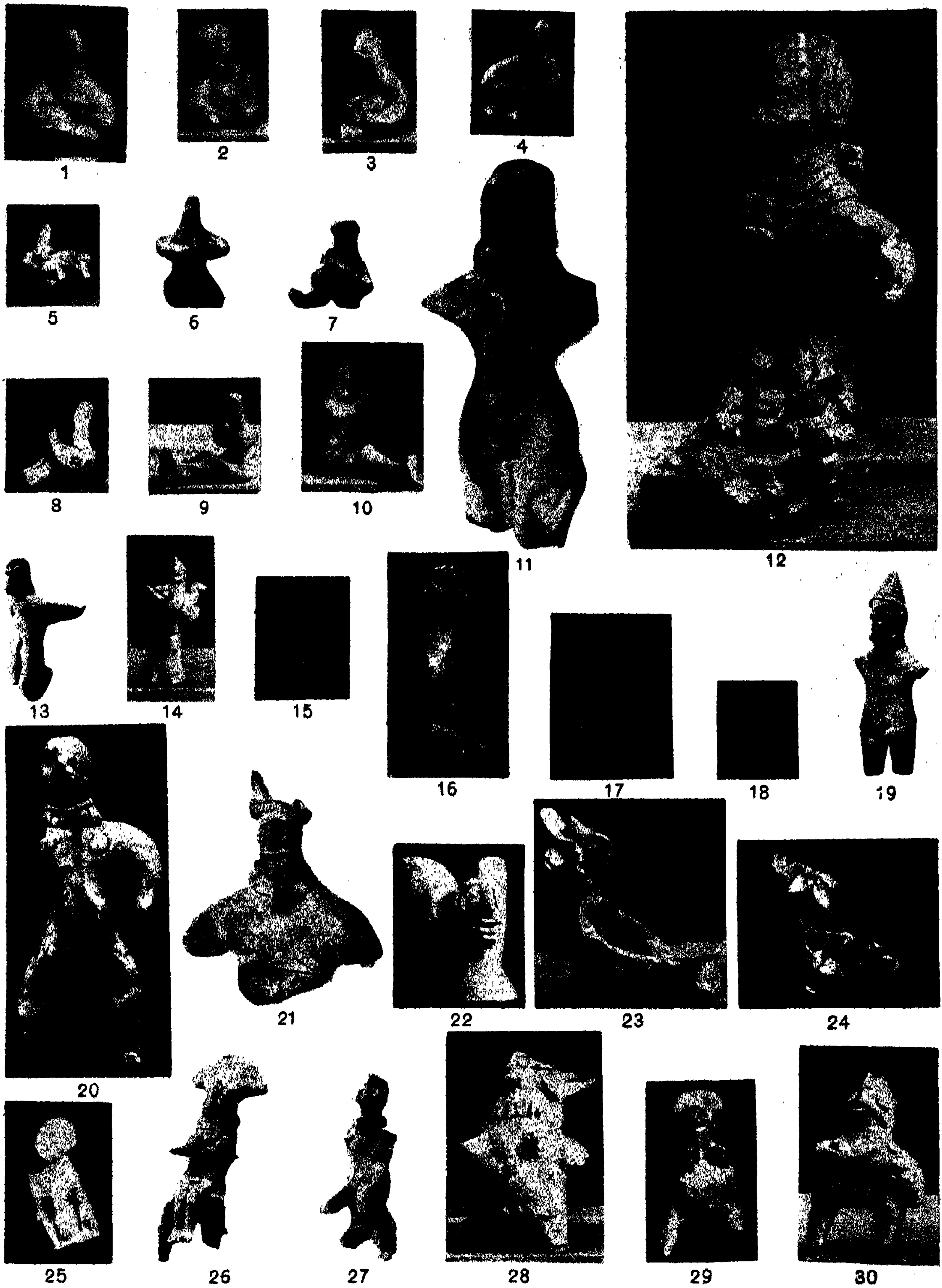
(*c*) POTTERY OBJECTS.



(*a*) COMMON TYPES OF POST-CREMATION URNS.



MOUND AB, TRENCH AT THE SOUTHERN EDGE.
ROW OF POST-CREMATION URNS, LOOKING SOUTH.



TERRACOTTA HUMAN FIGURINES.


31


32


33


34


35


36


37


38


39


40


41


42


43


44


45


46


47


48


49


50


51


52


53


54


55


56


57


58


59


60


61

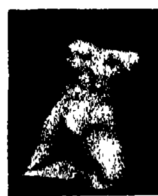

62


63


64


65

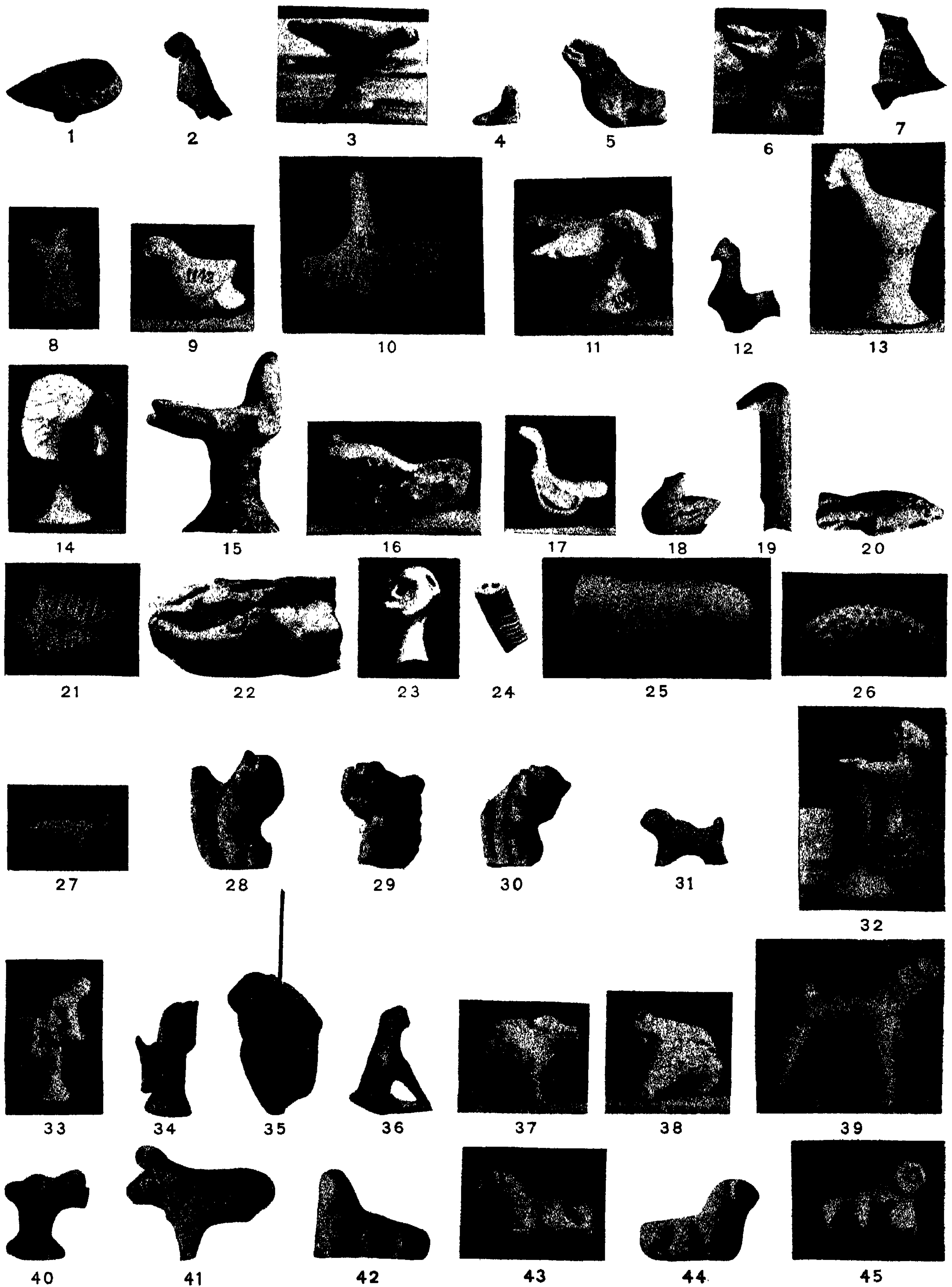

66


67

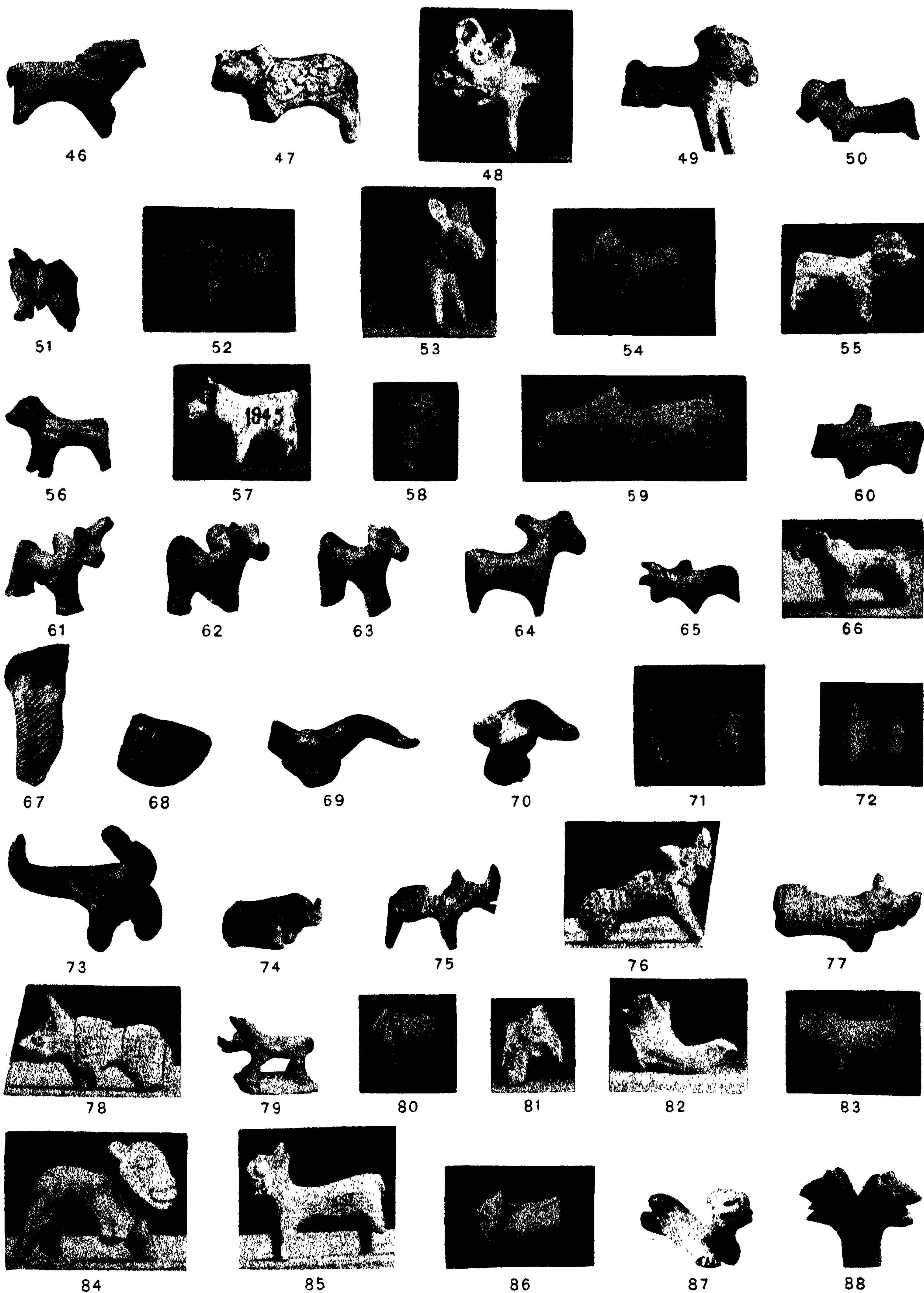

68


69

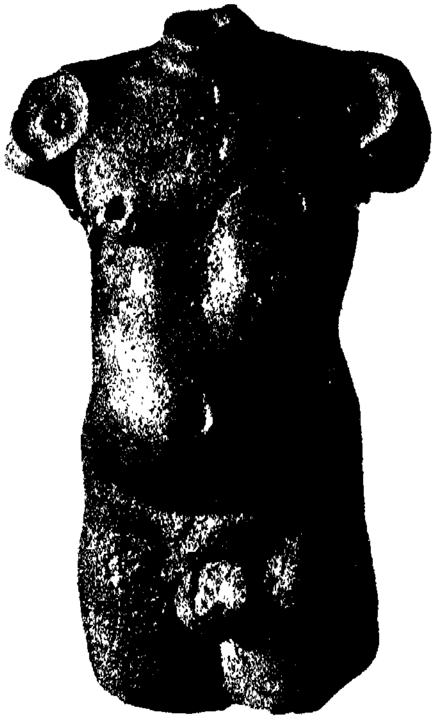
TERRACOTTA HUMAN FIGURINES.



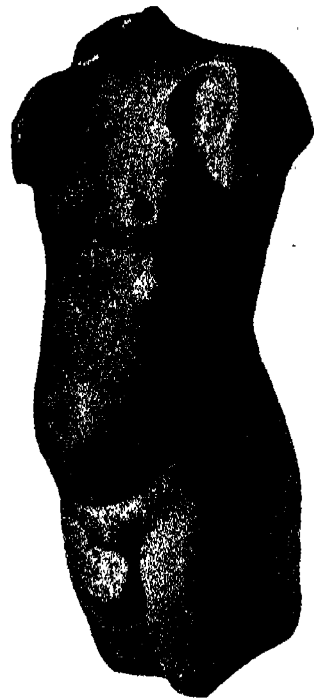
ANIMAL FIGURINES OF TERRACOTTA, FAIENCE, STONE, ETC.



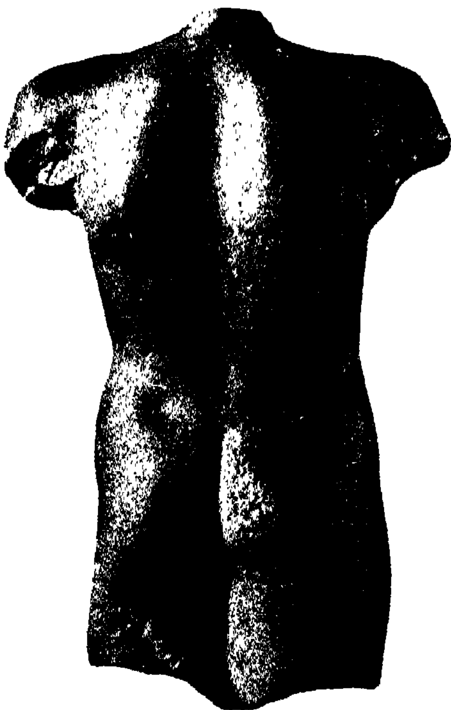
ANIMAL FIGURINES OF TERRACOTTA, FAIENCE, STONE, ETC.



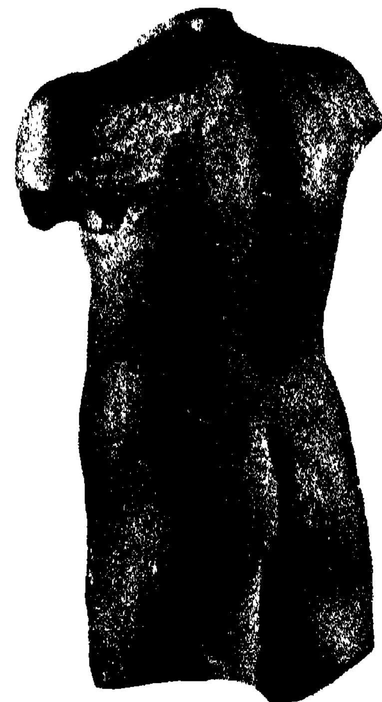
(*a*)



(*b*)



(*c*)

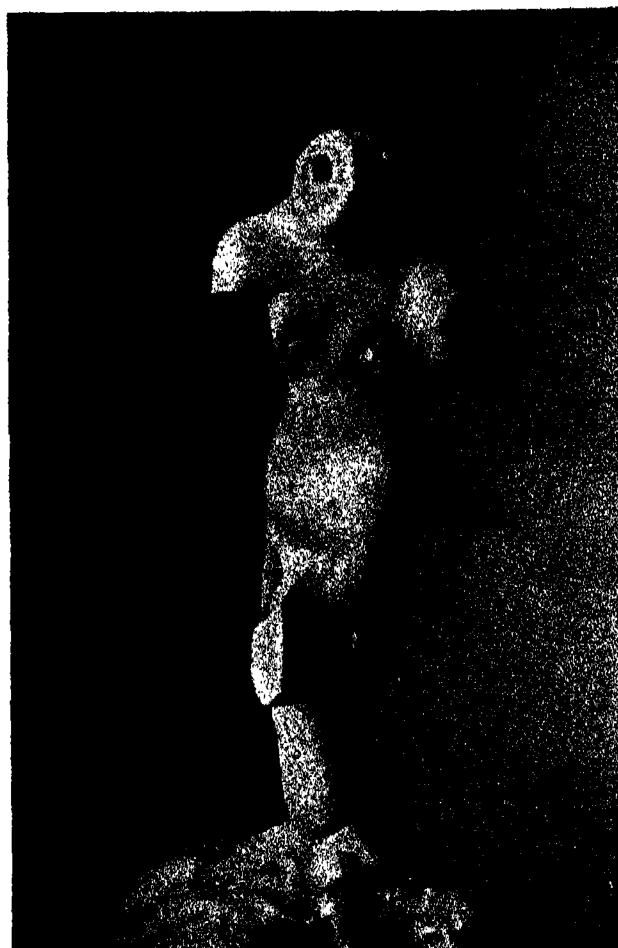


(*d*)

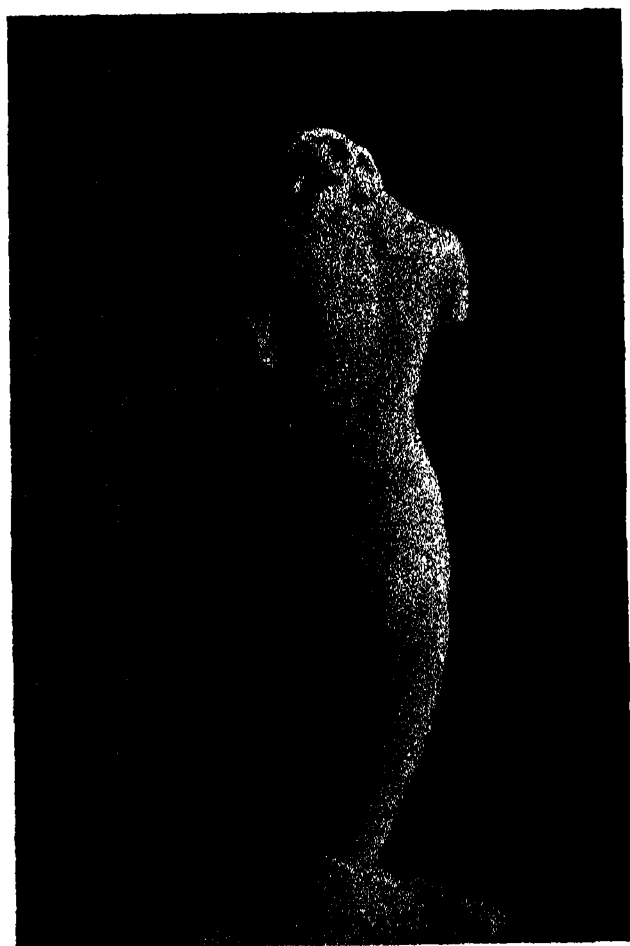
STATUETTE OF RED SANDSTONE No. 9042 FROM TRENCH IV.



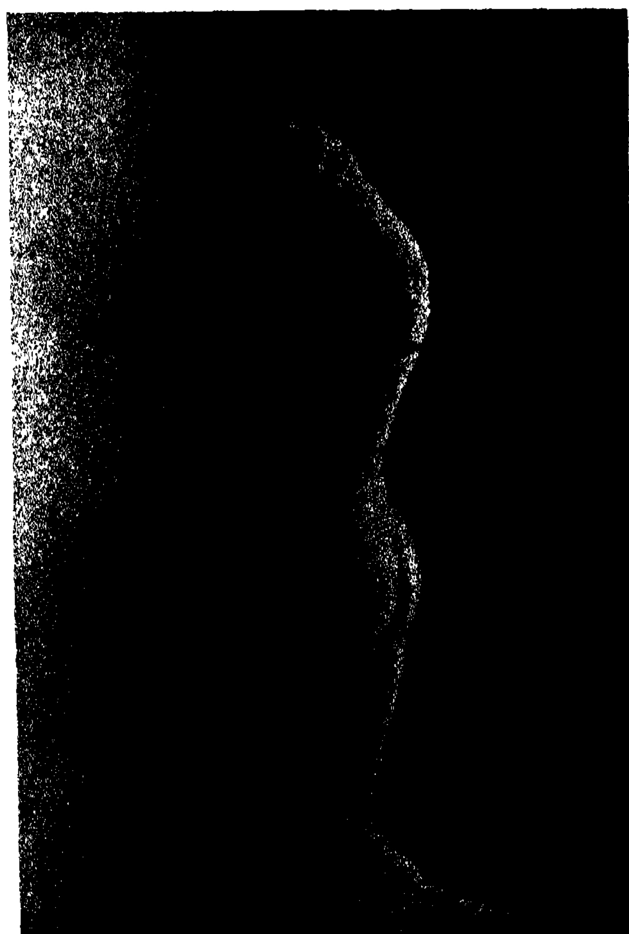
(a)



(b)

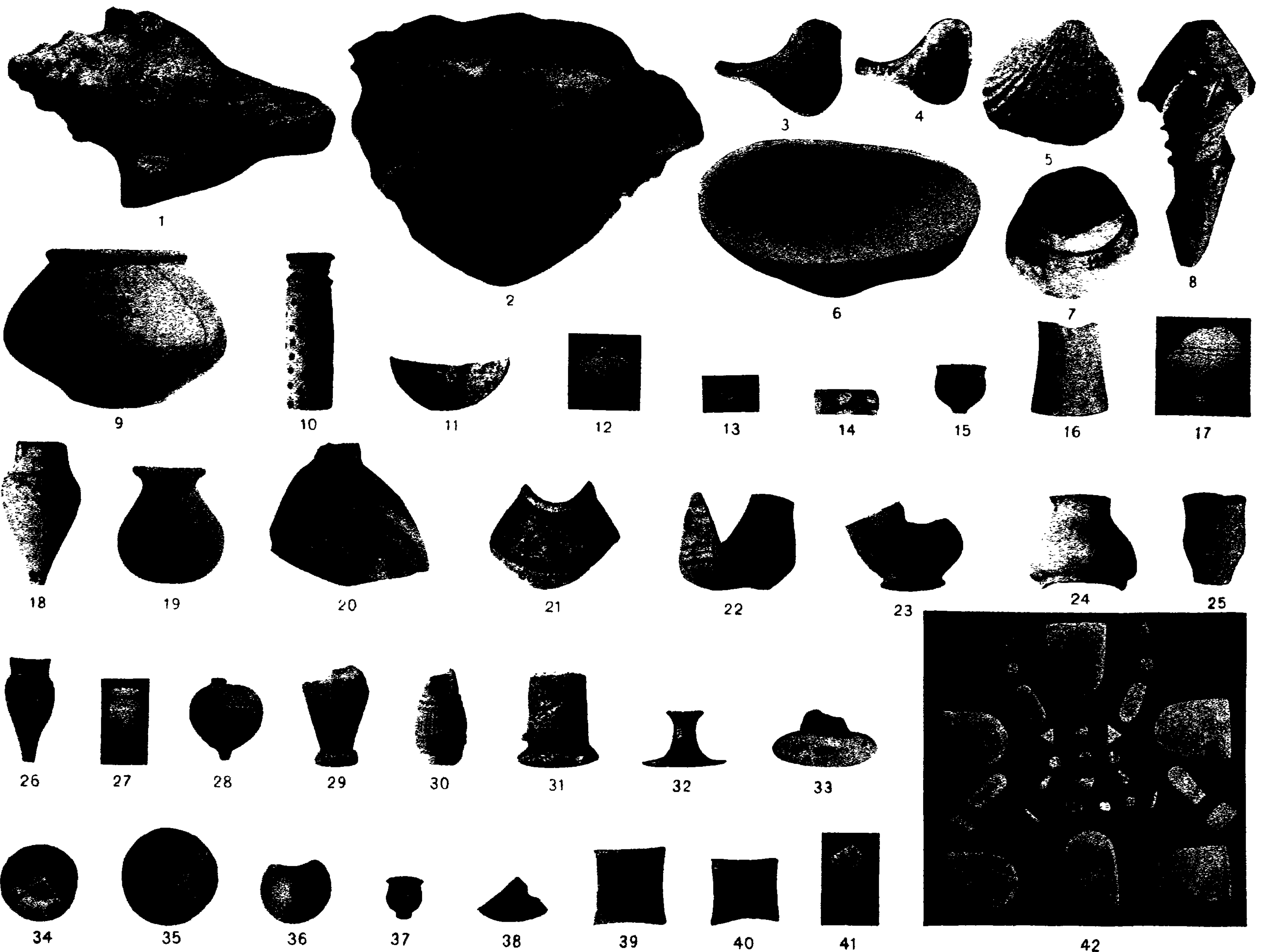


(c)



(d)

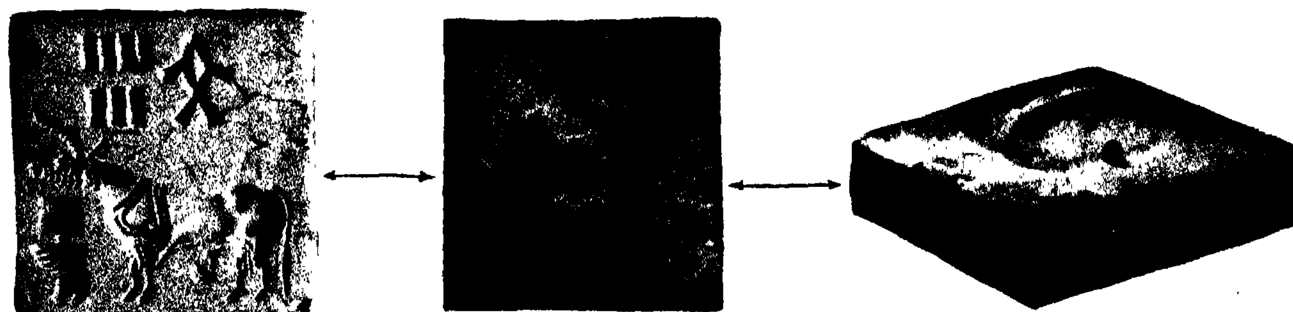
STATUETTE OF GREY STONE No. Ab 959 FROM THE CENTRAL AISLE OF THE GREAT GRANARY.



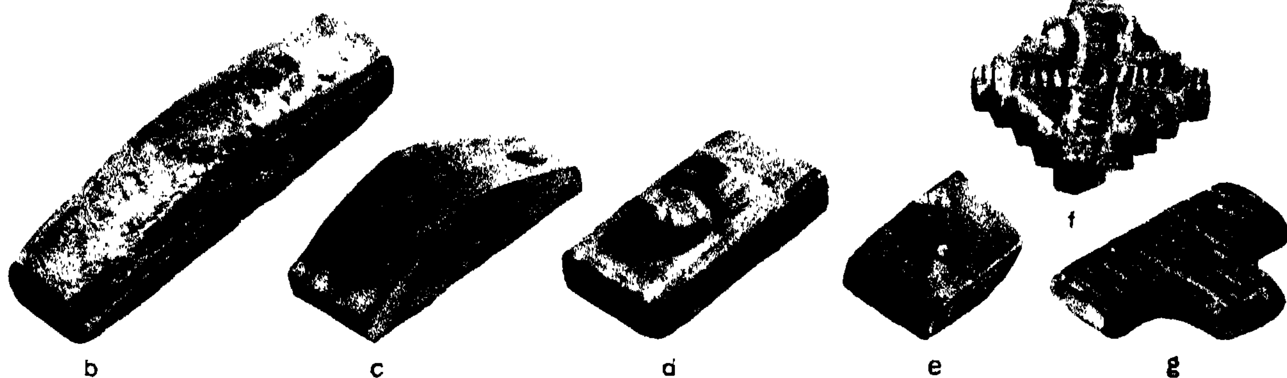
MISCELLANEOUS OBJECTS OF *sankh*, FAIENCE AND STONE.



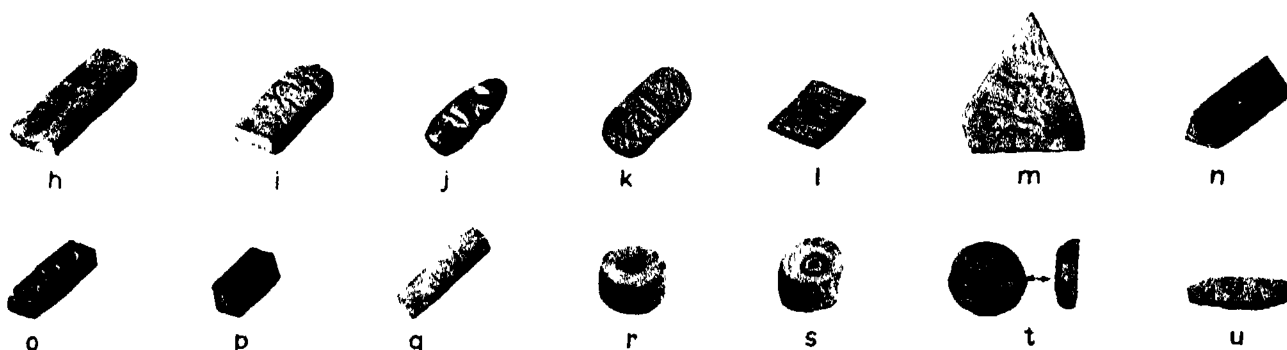
STONE VESSELS, MACE-HEADS AND OBJECTS OF TECHNICAL INTEREST IN STONE AND FAIENCE.



a



b c d e f g

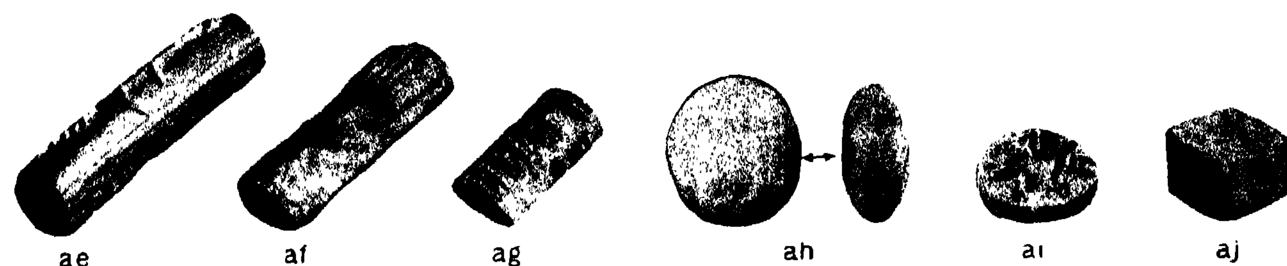


h i j k l m n

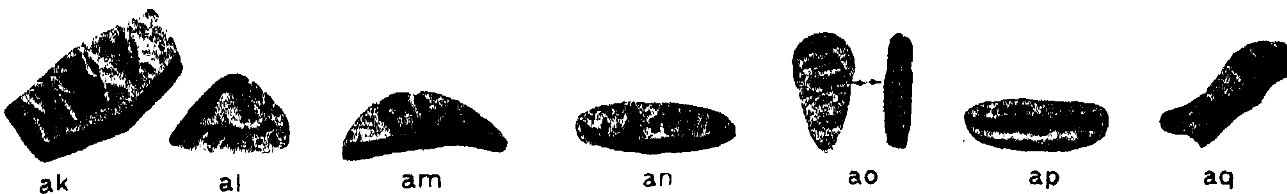
o p q r s t u



v w x y z aa ab ac ad



ae af ag ah ai aj



ak al am an ao ap aq

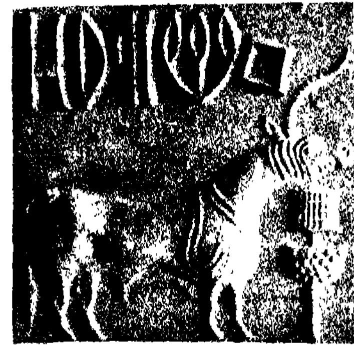

1


2


3


4


5


6


7

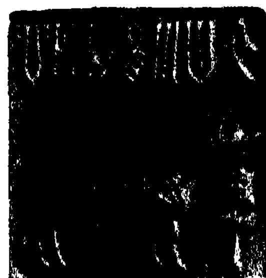

8


9


10


11


12


13


14


15


16


17


18


19


20


21


22


23


24


25


26


27


28


29


30


31


32


33


34


35


36


37


38


39


40


41


42


43


44


45


46


47


48


49


50


51

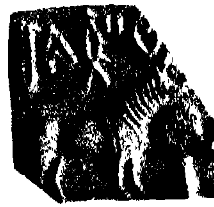

52


53


54


55


56


57


58


59


60


64


61


62

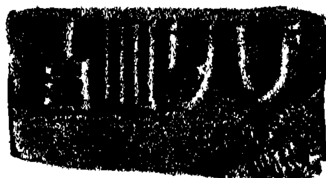

63


65


66


67


68


69


70


71


72


73


74


75


76

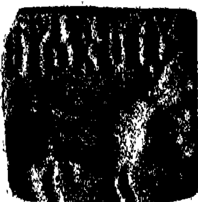

77


78


79


80


81


82


83


84


85

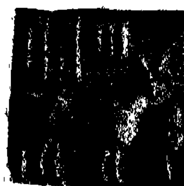

86


87


88


89


90


91


92

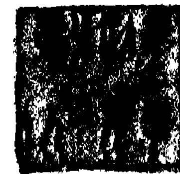

93


94


95


96


97


98

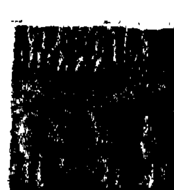

99


100


101


102


103


104

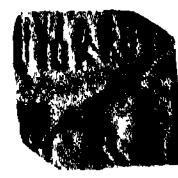

105


106

107

108

109

110

111

112

113

114

115

116

117

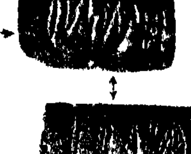
118

119

120

121

122


123

124

125

126

127

128

129

130

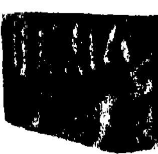
131

132

133

134

135

136

137

138

139

140

141

142

143

144

145

146

147

148

149

150

151

152

153

154

155

156

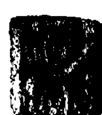
157

158

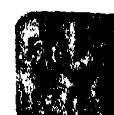
159

160

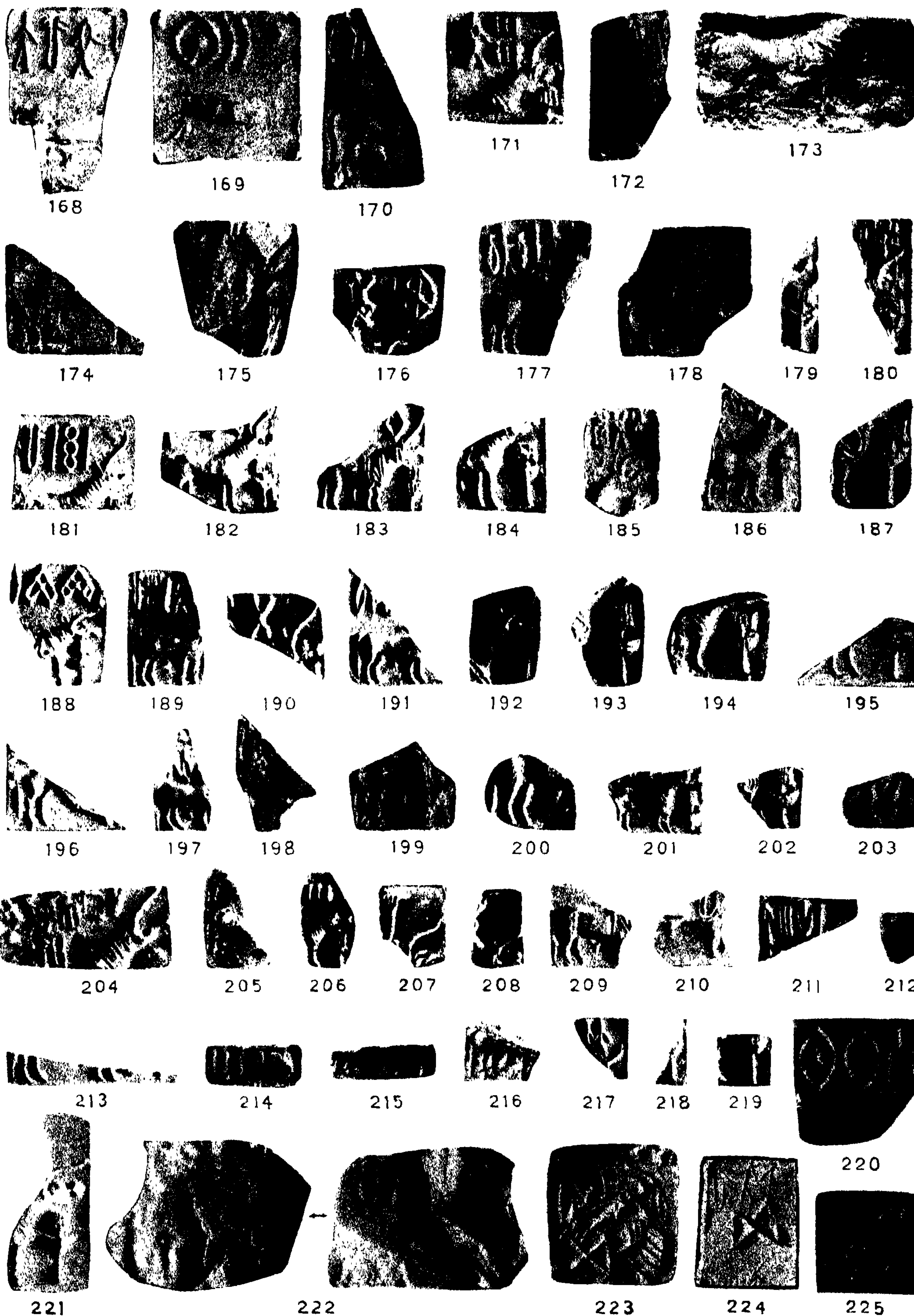
161

162

163

164

165

166

167


168
169
170
171
172
173
174
175
176
177
178
179
180
181
182
183
184
185
186
187
188
189
190
191
192
193
194
195
196
197
198
199
200
201
202
203
204
205
206
207
208
209
210
211
212
213
214
215
216
217
218
219
220
221
222
223
224
225


226


227

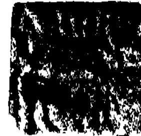

228


229


230


231


232


233


234


235


236


237


238


239


240


241


242


243


244


245


246


247


248

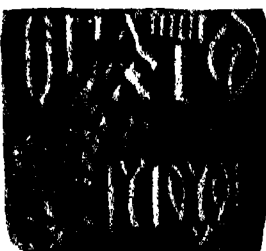

249

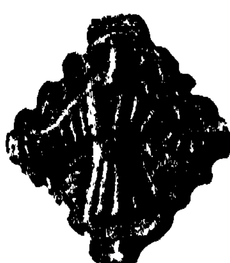
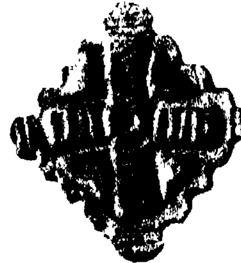

250

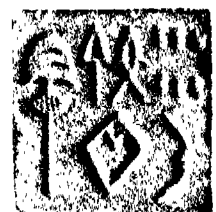

251

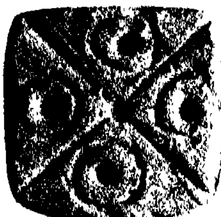

252

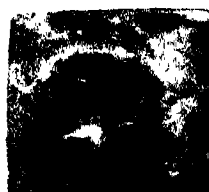

253

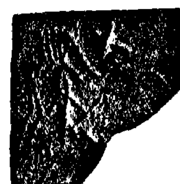

254



255


256


257



258


259


260


261

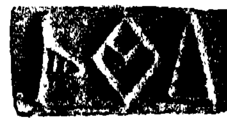

262


263

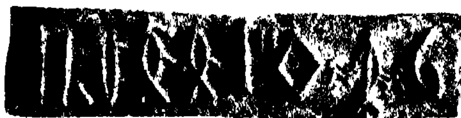

264

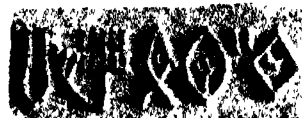

265

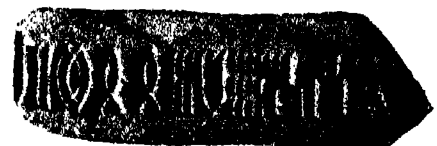

266


267

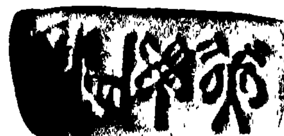

268


269


270


271


272


273

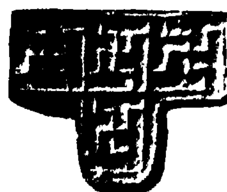

274


275



276


277


278


279

280


281


282


283


284


285


286


287


288


289


290

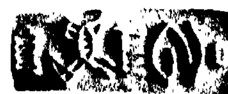

291

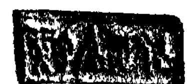

292

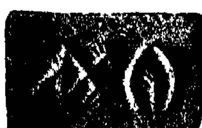

293


294


295

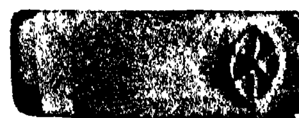

296


297


298

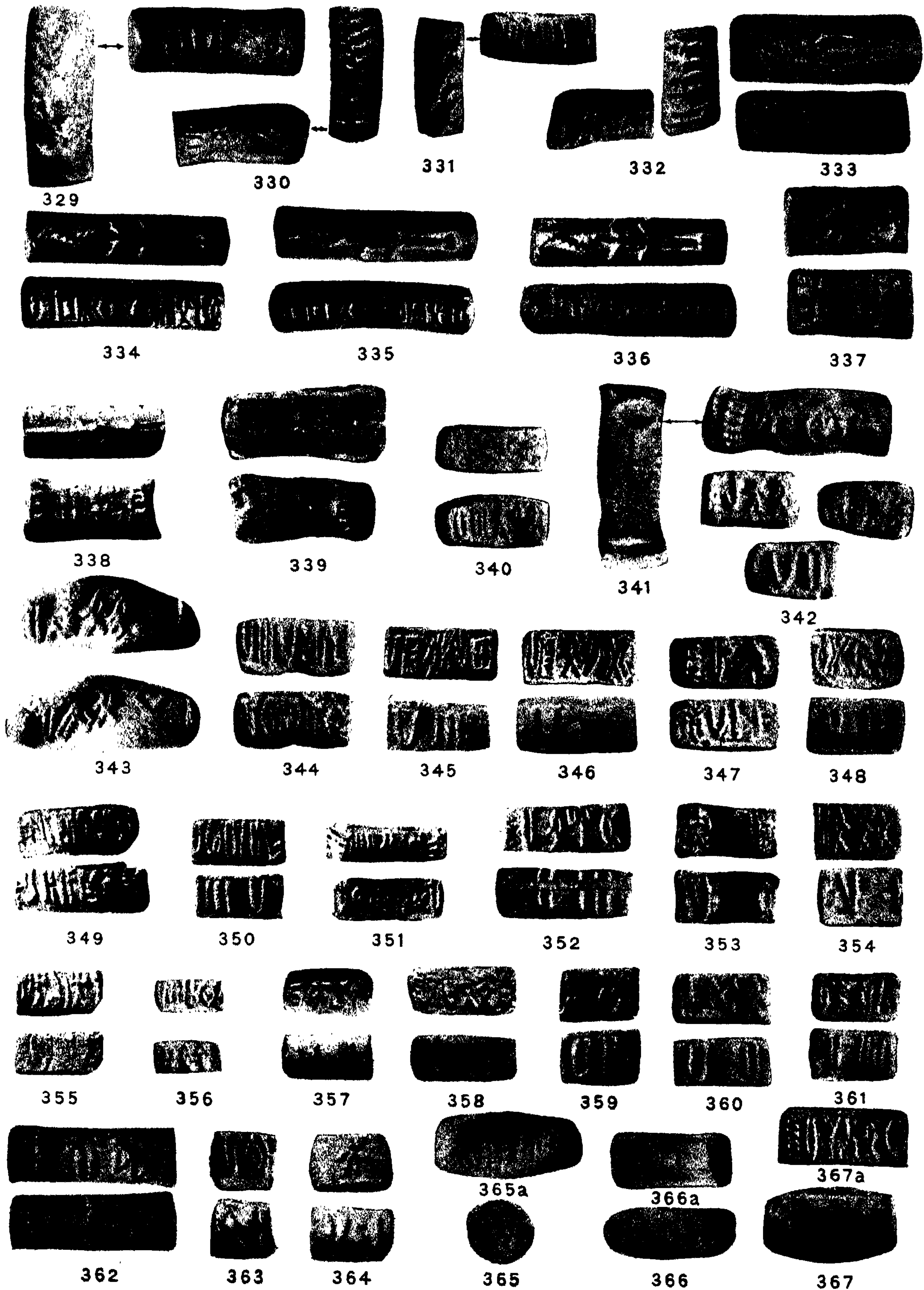

299

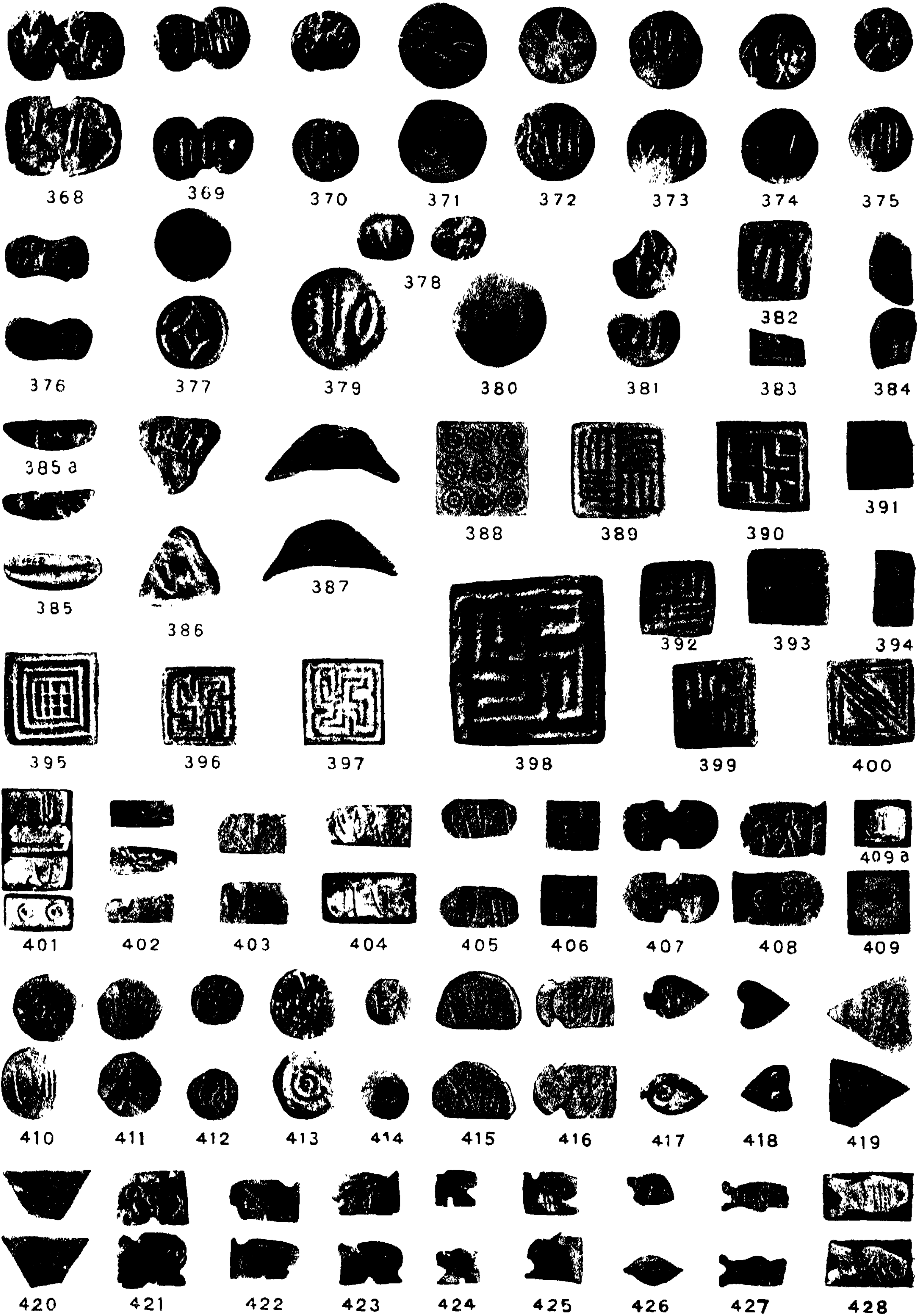

300

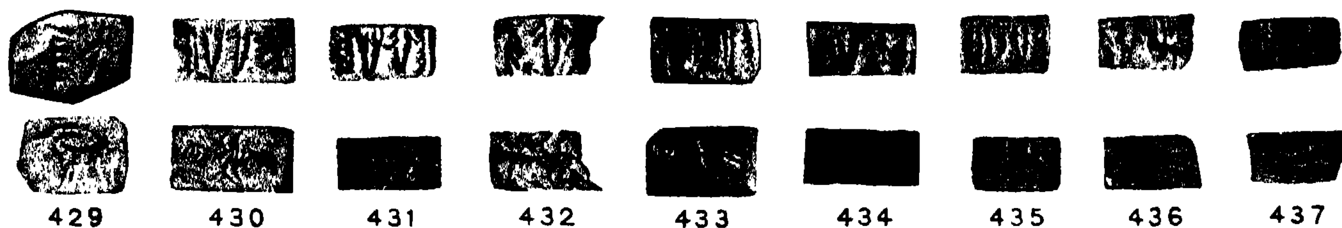

301

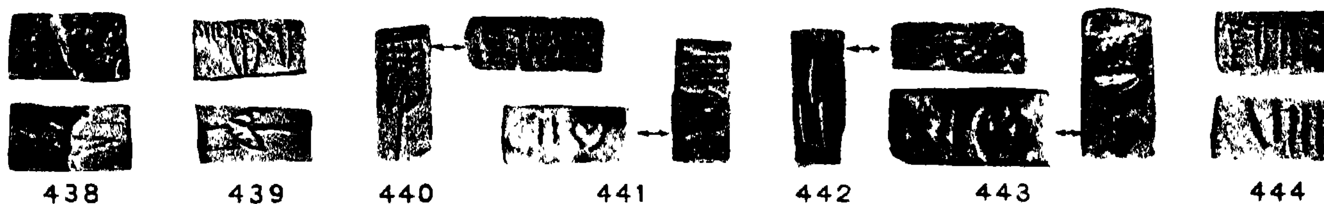

302

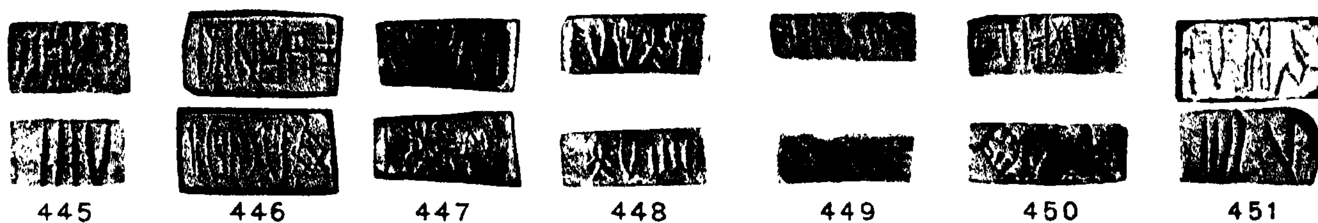

303
304
305
306
307
308
309
310
311
312
313
314
315
316
317
318
319
320
321
322
323
324
325
326
327
328

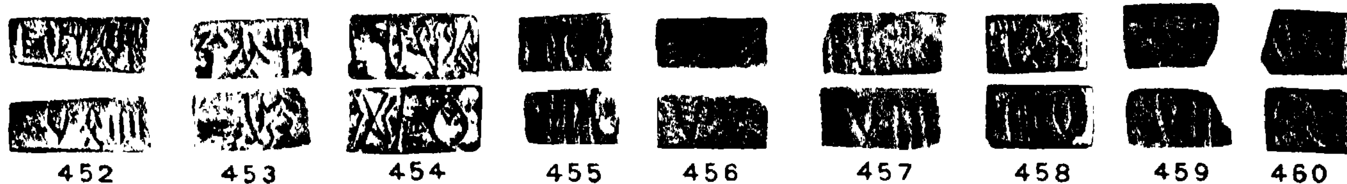

329
330
331
332
333
334
335
336
337
338
339
340
341
342
343
344
345
346
347
348
349
350
351
352
353
354
355
356
357
358
359
360
361
362
363
364
365a
365
366a
366
367a
367

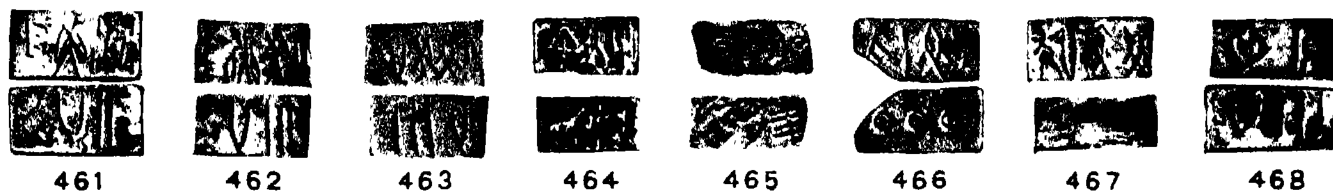

368 369 370 371 372 373 374 375
376 377 378 379 380 381 382 383 384
385 a 385 386 387 388 389 390 391
392 393 394
395 396 397 398 399 400
401 402 403 404 405 406 407 408 409 a 409
410 411 412 413 414 415 416 417 418 419
420 421 422 423 424 425 426 427 428

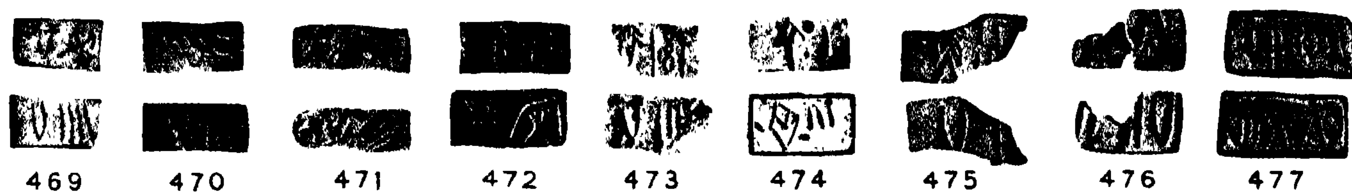

429
430
431
432
433
434
435
436
437

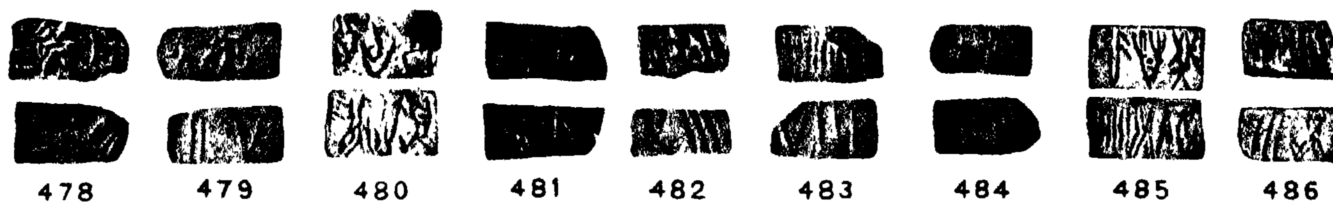

438
439
440
441
442
443
444

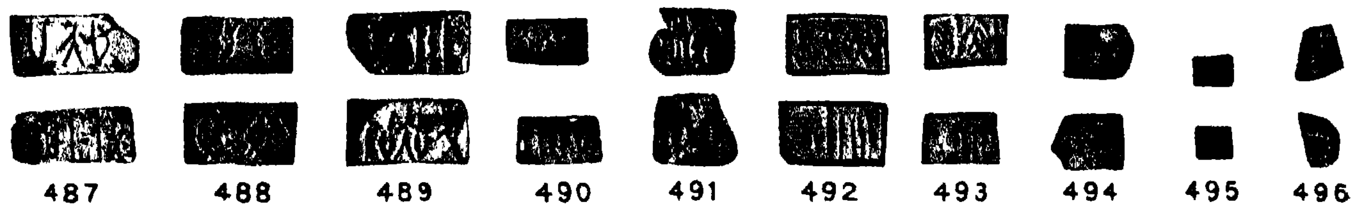

445
446
447
448
449
450
451


452
453
454
455
456
457
458
459
460

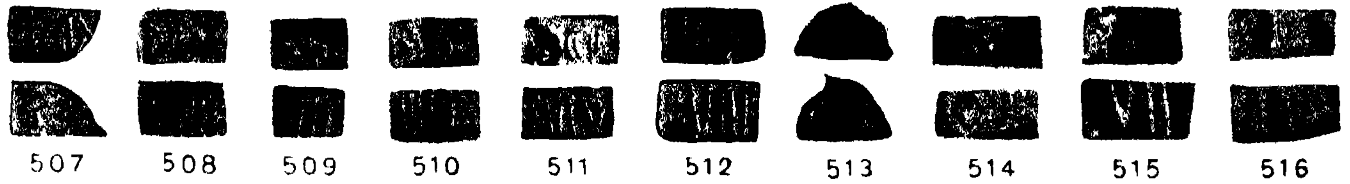

461
462
463
464
465
466
467
468


469
470
471
472
473
474
475
476
477

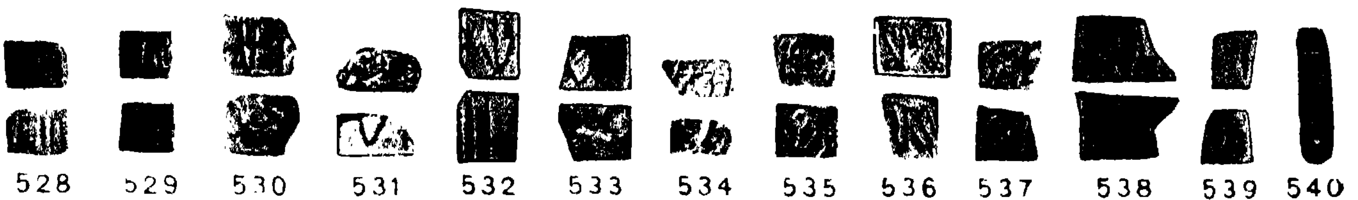

478
479
480
481
482
483
484
485
486


487
488
489
490
491
492
493
494
495
496


497 498 499 500 501 502 503 504 505 506

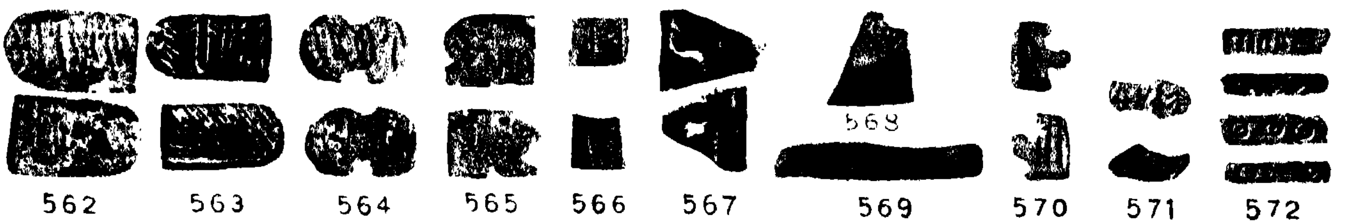

507 508 509 510 511 512 513 514 515 516

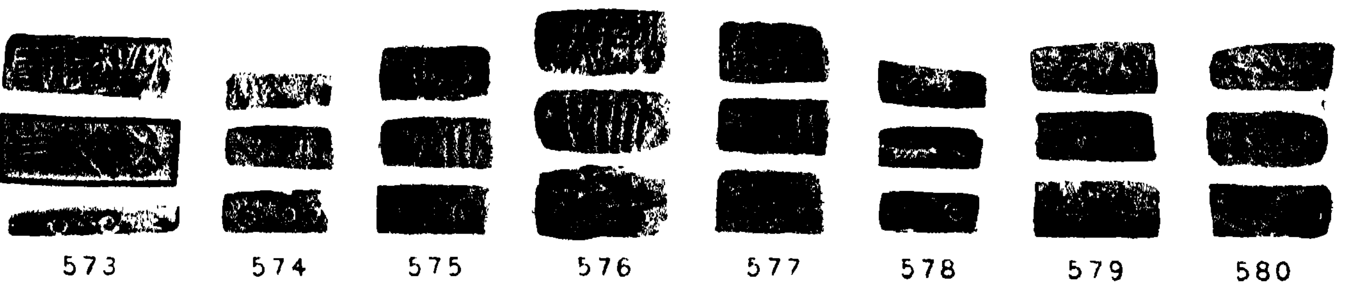

517 518 519 520 521 522 523 524 525 526 527

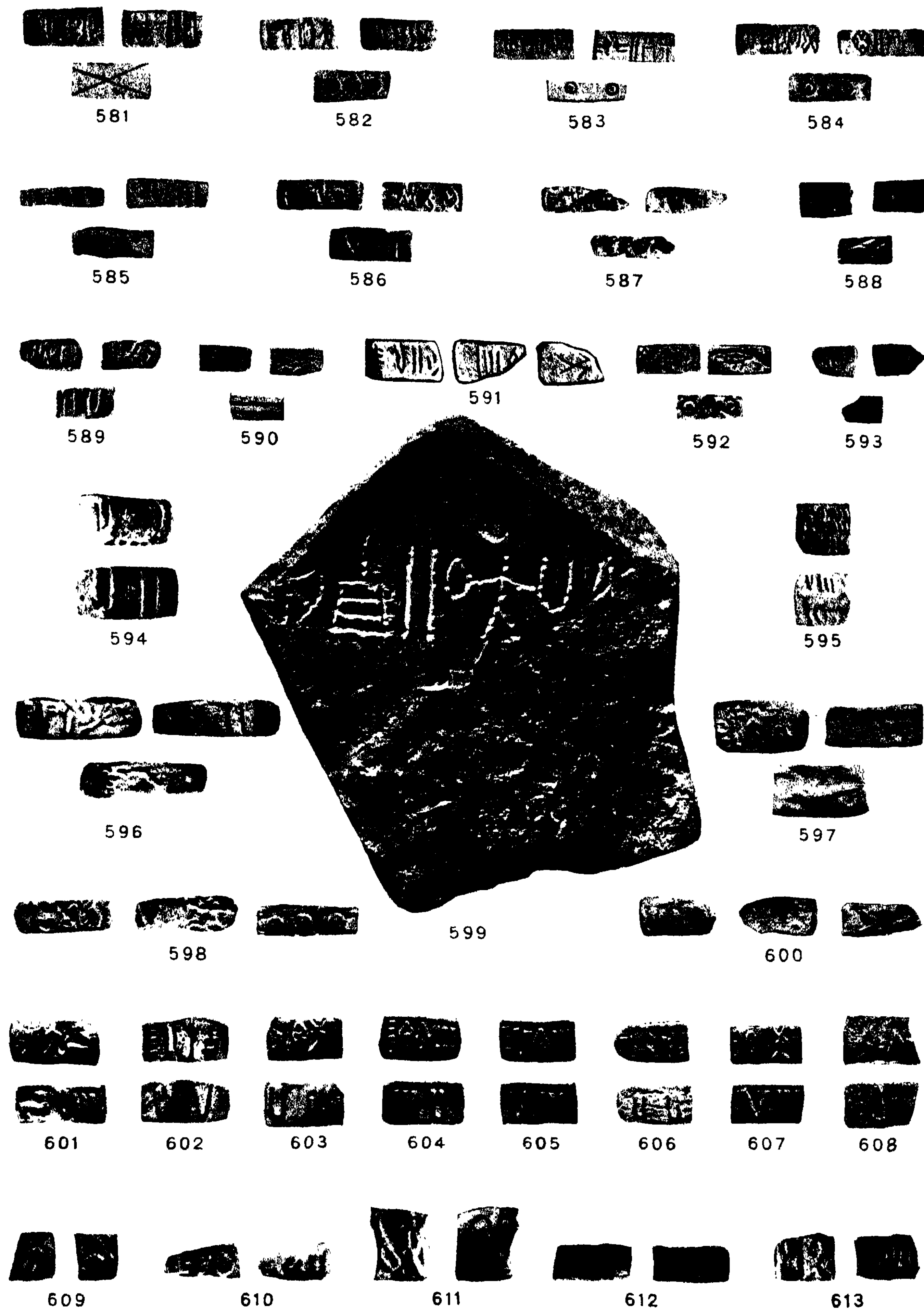

528 529 530 531 532 533 534 535 536 537 538 539 540

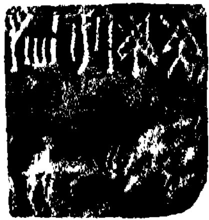

541 542 543 544 545 546 547 548 549 550 551


552 553 554 555 556 557 558 559 560 561


562 563 564 565 566 567 568 569 570 571 572

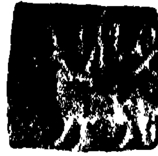

573 574 575 576 577 578 579 580


581
582
583
584
585
586
587
588
589
590
591
592
593
594
595
596
597
598
599
600
601
602
603
604
605
606
607
608
609
610
611
612
613


614


615


616


617


618


619

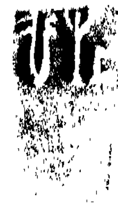

620


621


622


623


624


625


626


627


628


629

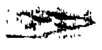

630


631


632


633


634



635

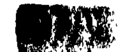

636


637


638


639


640

641



642


643


644



645


646




647



648




649



650



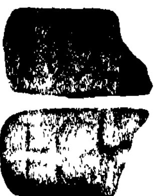
651


652


653


654


655


656


657


658


659


660


661



662


663


664

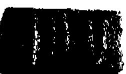

665


666


667


668


669



670



671



672


673


674



675



676



677




678



679




680

681 682 683 684 685 686

687 688 689 690 691 692

SEALS, SEALINGS, INSCRIBED BALL AND POTTERY.

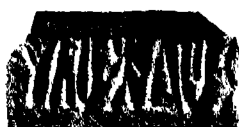

693


694


695


696

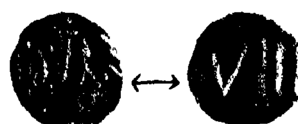

697

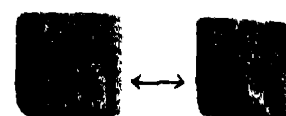

698

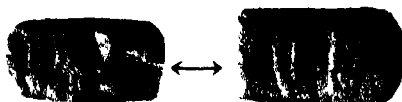

699


700


701


702


703


704

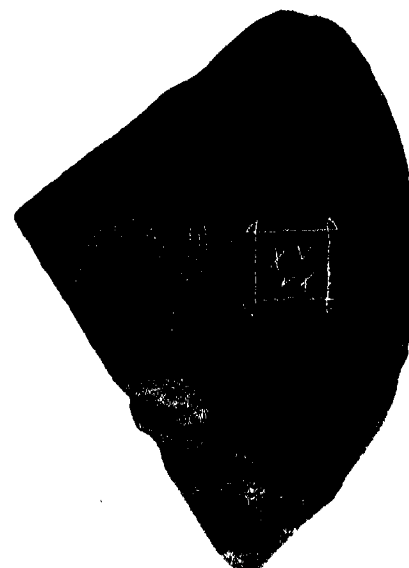

705


706


707


708

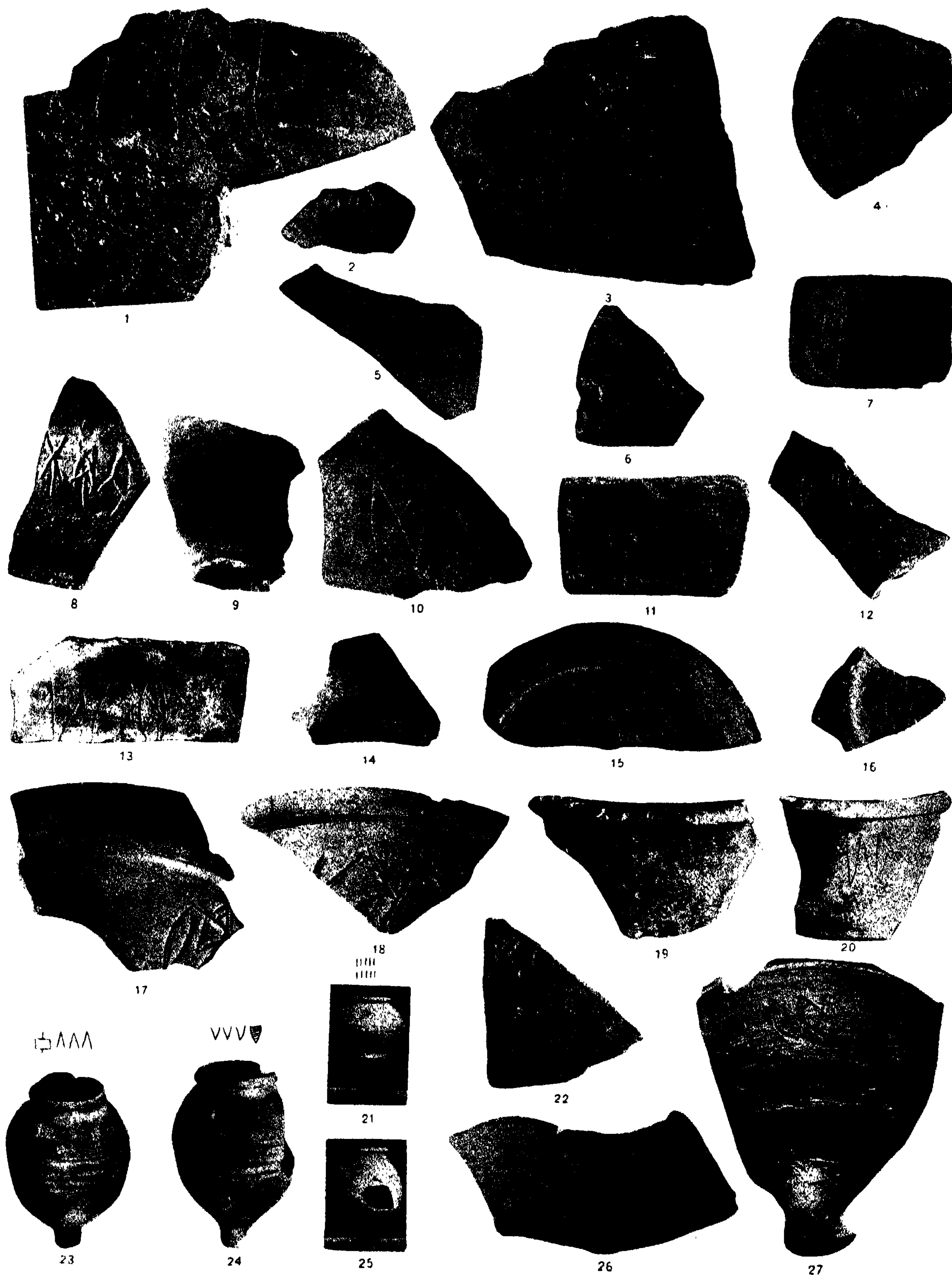

709


713

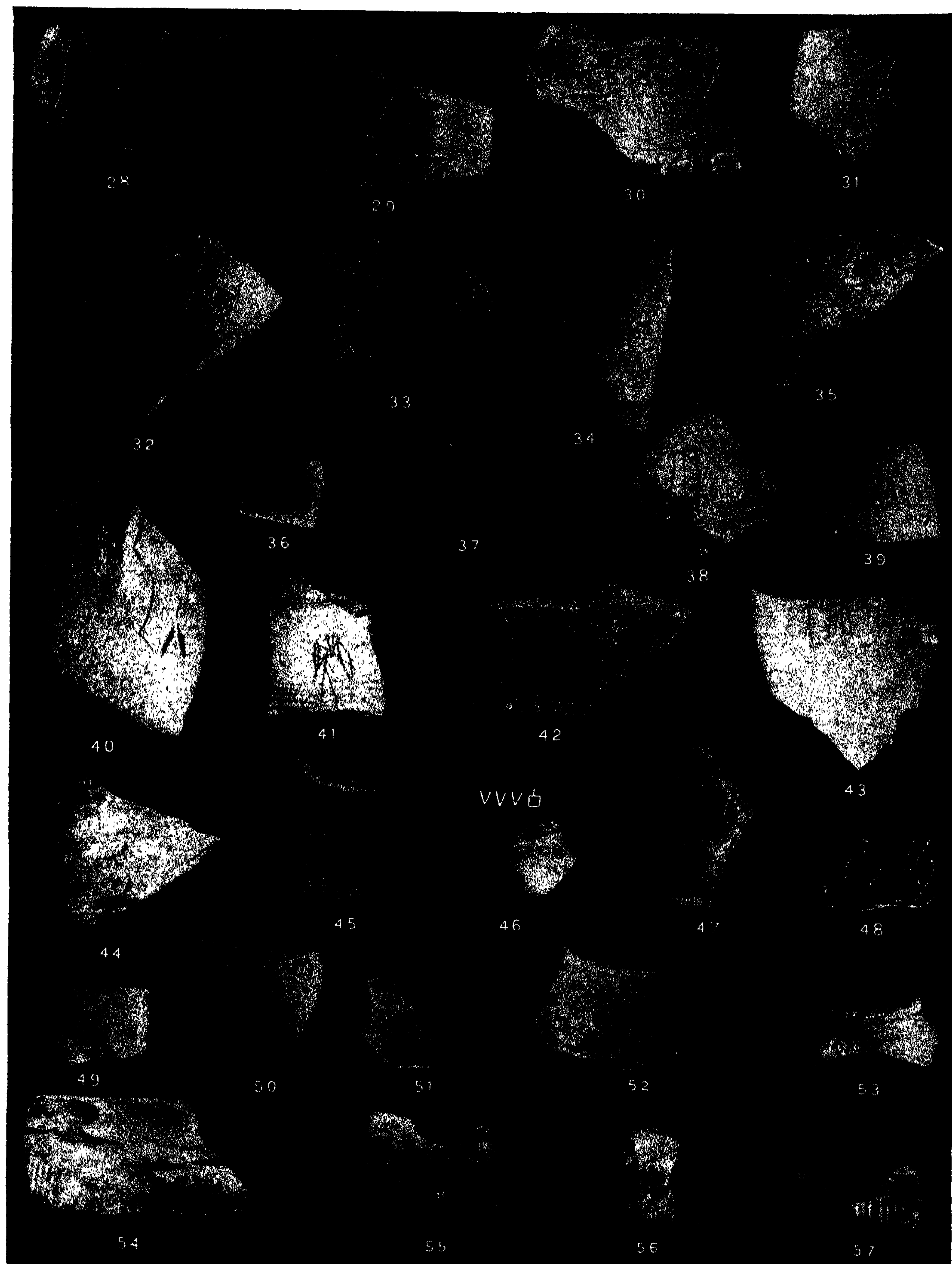

710


711

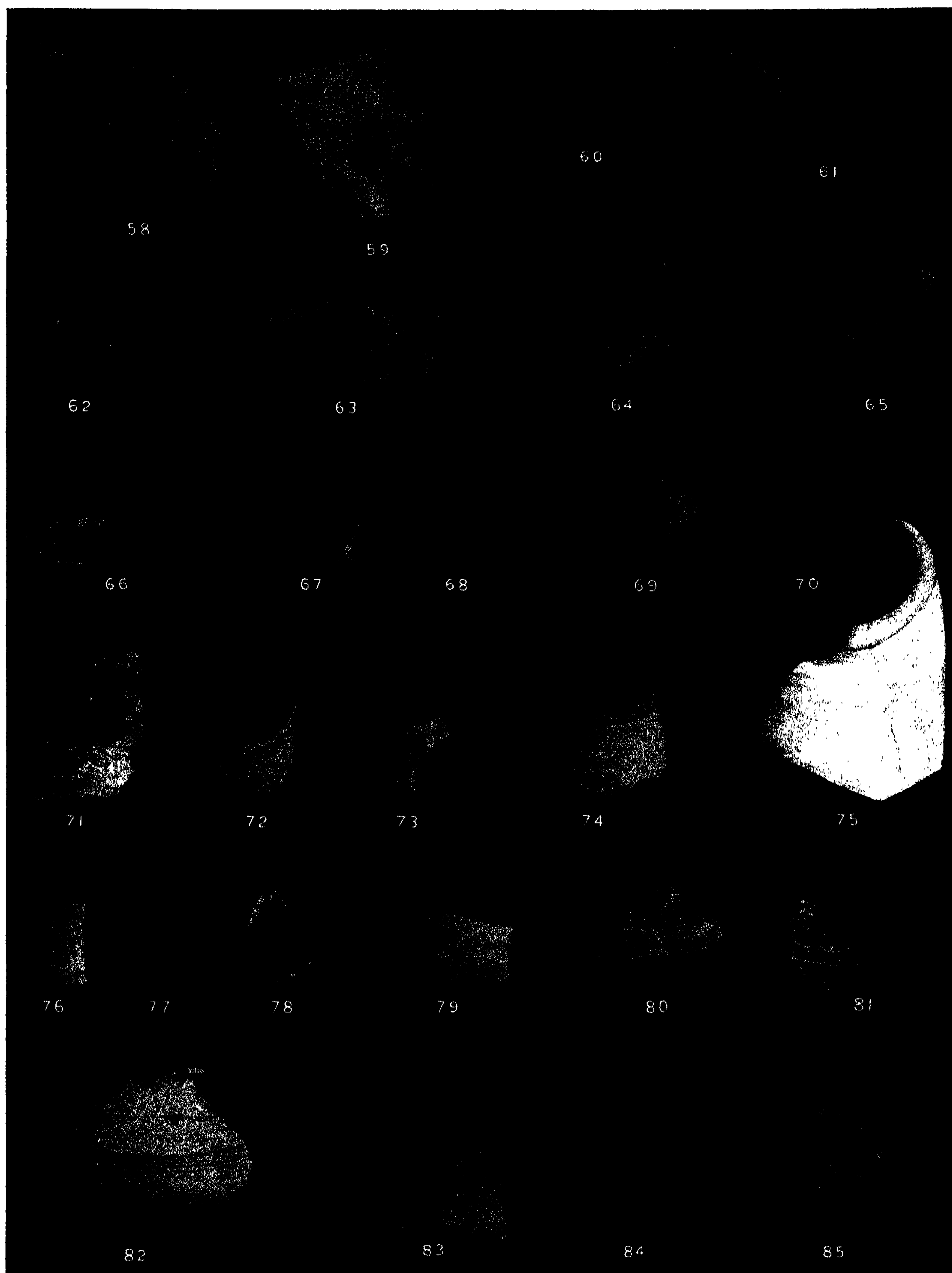

712



INSCRIBED POTTERY.



INSCRIBED POTTERY AND THREE INSCRIBED FRAGMENTS OF STONE.



INSCRIBED POTTERY.

Group	Numbers
1	12215, 12420, J-322, 1265, 11305, 9080, 11559, 11304, 11266(a), 11233, 12150, H-637, 2367, 1692, 2700, 12750, 11077, G-107, A(a)130, 5389, 2893, 1872, 10142
2	10965, 10226, 11852, 10929, 741, 12132, PI-44, J-581, A(a)97, B-234, 5634, A(a)279, 2482, 4076, 10626, 11379, 12066, 201, 11291, 11798, 12216, 10142, 4058, 2540, 11458, 5254, J-361, J-329, 3508, 5534, A-233, B-951, 4079, J-493, J-213, PI-42, 3170, J-455, A(a)563, 2789, 7354, J-256, 11022, 1200, 2961, B-191
3	10061, 12104
×	PI-39
5	J-46
5a	12493
6	1172, 12420, 1379, 12416, J-463, D-36, 11233, A-263, 2961, 9041, 11942, 1591, 11379, 3716, 12377, G-107, 10997, A(a)553, 12493, A(a)922, 7354, 4041, 7155, 3611, 10960, PII-53, H-611, 1500, 4553, 11630, 11795, 474, 4016, J-481, 10831, 7006, 5436, A-214, 11849, 11039, 5975
7	PIII-7, 11332, 8718, G-217, 10695, PIV-114, 8650(b)
8	4703, 12035, A(a)279, J-213, 8350, 12461
8a	12574
9	11136, 12581, 4179, 4043, 8650(a), 94, 10740, 3757, 11705, 5399, 8650(b)
10	J-28
11	12548, J-403, J-30, 11695, 3611, 12251, 12721
12a	10185(a)
12b	11331
13	A(i)16, 12549, 10102, 2463, 5152
14	B-summit, A(a)62
15	115, 11597, A-441, 7591, 12165

Sign	Texts
(cont.)	2700, J-630, 4042, A-263, 1056, 11458, 2281, PIV-114, 2630
×	
16a	12216
16b	11291
17	PI-40, J-449, 1235
17a	12104
17b	10061
18	4765, 10242, 11942, A(r)9, 7354, PII-21, 7411
19	1172, 4044, J-30, 12251, J-28, 10831, 11331, 11942, 1244, 4795
20	A(r)9, J-494, 7663, 11331
(cont.)	J-630, 1692, PI-2
×	
23	3611
×	
25	PI-42
26	7113, 11458, 2867, A(a)102, 2961
×	
28	5083, 11359
×	
31	12415(a), PIV-114, 10102, 1697, 11467, 2281, 12538, 4531, 180, PI-42
32	2257, J-273
32a	J-455
×	
36	1009, 4965, 3771, 10242, 21, 12721
37	3716
37a	PI-42, PI-41
(cont.)	B-191
37b	474, A(b)553
38	J-219, 3758
39	3482, 2266, 3771, 3508, 8921, 11369, PI-2, J-579, 8360, PII-21, 3170, 12537
39a	11853, 12721
40	2630, 11696, 649, J-329, A-214, J-213, 7786, 5211, 11476, 5542, 10779, 1172, 12715
† 40a	H-715, J-403
40b	12721
40c	12060, 11715
×	
41a	H-605, 10011
41b	J-46
41c	11554
×	
43	12751, 10818, 272, 11696, 398, H-160, A(b)922, 3725, A(b)130
43a	21
×	
47	11756, 10830, 11390, 10242, 12537, 3170, 116, 4765
47a	4531, 4078
48	11452, 11626, 11458, J-455, PII-23, 9041
48a	10835(a)
×	
50	10178, PI-2, A(a)102
50a	5388

Signs 50b, 53, 55, 59, 60, 62, 63, 64, 65, 66

4531, 10086, 8150, 7786, 2266, 3772, J-462, 11369, 12537, PII-21, 12160, 10409, 12562, 4079, 10011, 2253, 11715, J-329, A-214, J-213, 8350, 10059, 10069, 4795, 781, J-481, 11361, PI-4, 1199, 1240, 4058, 10985, 10310, 11333, 945

Signs 67, 68, 69

5551, 11359, G-107, 3725, 116, 1591, PI-4, 1842, 10137, A-233, G-217, 10997, 11305, 10835(a), 10103, 12493, J-463, 12377, PIV-114, 741, H-80, 4252, 1872, 4432, A(b)102, 2789, 7098, 2630, 114, 10695, 3725, H-637, 180, 3170, 10831, 8350, 3545, 11942, 116, A-336

Signs 73, 74, 75, 78, 80, 86, 86a, 88

10361, H-611, 11466, 5534, J-28, 5082, 9041, 11417, 11022, B-101, J-361, 10318, A(a)106, B-951, PI-40, 117, 145, 11449, J-394, 10142, 11381, 2463, 5082, 7663, 10695, A(b)922, 11077, 3758, 3508, 1591, 7113, H-611, PIII-7, 10318, 4041

Signs 88, 89, 94, 95, 96

11077, 3758, 201, 2177, 4703, 12035, J-213, A(a)279, 5534, J-493, 12461, 10779, 2430, 5254, 7354, 10815, 4971, 8650(a), 1646, J-455, J-409, 4051, J-275, 10185(a), 11715, 7409, 4080, 4971, 2257, 3482, A(a)22, H-550, 12414(a), H-605, H-220, J-494, 8718, 10185(b), 5880, 3170

Sign	Texts
97 × 99	J-46, J-41, 10086, 4917, 10058, 12538, A(a)22, 145, 2281, 11244, 4991, 8360, PII-21, 10011, J-500, 12493, 12377, 7411, 12066, 5551
100	741
101	2187, PI-42
102	10176, 10260, 10103, 7546, 8921, 3170, 9015, 11630, A(a)279, 12377, 2731, 7060
102a	H-611, B-951
103	1199, 3725, PII-21
× 104a	G-257
× 109	10420
109a	PII-1, J-394, 2785, 8360
× 111	2128
111a	4432
112	PI-39, 2879, J-361
113	J-630
113a	12704, 11757, 12099, J-329
114	11329, 12715, 5542, A(a)113, 10102, H-605, 12420, PIV-99
115	2893, 94, 10185(a), 10779, 3975, 1646, 114, 7006, 2540, 5436, 2281, 8757, 4991, A(b)130, 10994
× 117 × 120	483, 12132, A(a)113, 3545, 2930
× 126	10928(a), H-441(a), 10162, 10614(a), 11798, 5633, H-80, 2731, 741, 7155, PII-23, 12548, 12066, 2266, 12164, 5388, 12139, 2785, 11368, 5436, 2540, J-548, 649, 1085, 3716, PI-40, J-273, 4531, J-274, 11889
127	1265
128	B-951, 10740, 5383, J-361
128a	2879, 7354
129	A(a)106, 5082, PI-40, B-(a)7, B-101, 7546
× 131 × 133	10318, 1259
134	2786, 10226, 8150
134a × 135a	J-256, 12066
136	5498, 4042, PIV-114
× 137a × 138a × 141 × 143a ×	12178, 12581, PI-41, PIV-99
145	4269, 11330
146	A(a)132

Sign	Inscription
	5724
	7786
	2430
	117
	11559
	5880
	Pl-41
146a	5399
×	J-466
153	483
153a	J-228
	12180
154	5542
	7591
	H-160
	H-220
	2390
	12185
154a	B-summit
154b	G-290
× 157a	11244
158	9080
158a	2786
	5152
159	11714
	J-274
	10102
	12549
	483
	2789
	3961
	11027
	10815
	9080

Sign	Inscription
	5498
	4396
	10060
	11304
	9059
	11233
	1009
	10310
	10835(a)
	G-290
	11381
	3771
	11369
	11379
	1591
	G-217
	10695
	12493
159a	11796
159b	J-402
159c	12420
	11334
× 162	7786
163	8350
	2630
164	3545
	A-336
×	H-637
165a	H-80
× 167a	7098
168	1240
×	868
170	1244
	G-175
	1646

Sign	Inscription
	7411
	1244
171	5810
	B-summit
× 174a	8650(b)
× 177	Pl-40
×	1259
180	B-191
180a	A(b)130
180b	4252
181	10011
181a	12721
181b	12576
181c	4076
182	4276
182a	4991
	H-605
183	G-104
× 184a	10965
	A-233
× 189	1066
× 196	12099
	5630(m)
	11077
	3758
	J-630
	J-455
×	12877

Sign	Inscription
198	5630(a)
	8080
	2118
×	H-550
203a	Pl-41
204	B-101
205	Pll-53
× 214	10059
	J-455
214a	4015
214b	2868
	2785
214c	11757
	11756
× 219	12747
	12164
	10960
	3545
	11662
	8650(c)
	4076
	12574
	12562
	1172
	12561
	G-175
	1419
	J-275
	9041
	J-213
	10625
	J-630
	G-107
	J-455
	12377
	J-273

219. × 223

J-463
7483
3803
1200
5383
5633
10625
2789

223a. × 225. × 227

867
J-630
11331
11233
10740
D-38
A-263
8718
J-462
H-160
12574
11379
11942
10695
2789
10137

228

3644
12750
12752
J-274
PIII-38
11332
12721
1591
G-107
3716
G-217
10997
A(a)922
PIV-114
12493
7354

× 231

PI-42
5253

232

12575
2728
12035
8650(b)
8650(a)
12131
7006
11332
8053

× 233.

4965

234

G-175
1055

× 236 × 237.

A-336
868

238

J-450
11626
11136
4552
12329
J-449
8650(b)
J-582
J-630
12377
5254
10010
10928(b)
11452
11516
11715
10186(c)
12327
12442(b)
12581
5498
7483

2891
5633
7546
21
2430
H-550
11798
10059
10614(a)
10828(a)
1236
11266(b)
11291
12185
12216
2868
A(a)279
4080
4631
5634
1419
7663
8800
11064
11449
11795
5817
11467
12750
4971
12461
J-359
5253
5974
8921
J-455
A-336
J-455
11849
3758
5388
H-160
10997
12538
2281

PII-21
G-104
B-1341
10361
10818
11757
12561
2531
J-409
4269
4276
H-643
A(a)132
A(a)113
10061
10162
11466
11853
J-219
J-30
PI-44
A-441
4703
J-581
12132
5724
5810
7409
7591
868
A(a)22
117
12261
1200
1697
10965
11244
11333
12035
12546
12574
PII-23
J-213
5219
J-329

238.

J-493
1646
J-494
4056
4078
4553
945
J-228
A-233
11077
12139
12164
3508
J-28
H-220
2266
J-463
H-605
B-Summit
PI-2
145
10011
12537
2540
4965
J-548
J-579
5436
8718
474
190
12066
8360
8650(a)
11942
110
3170
7411
4531
7354

238.

483
10185(c)
10260

11331
114
1055
PIV-114

238.b

J-500
12416
10058
10960
G-257
5083
10086
3803
G-175
1500
1646
3482
2981
12414(a)
4991
J-462
J-46

238.c

11440
3611
J-575
483
5211
12575
8650(b)
2257
12104
3975
12066
4917
8650(c)
2789
5880
A(b)130
J-41
4588
4041
4044
10186
11305

2728
627
3644
201
10185(a)
272
1240
5534
2118
2700
2785
12131
11359
11332
11696
2785
11368
1056
7354

239

5399
3545
H-80
3716

240

1692
4042
11368
12164
2981
4079
J-463
J-548
J-361
474
12721
A-263

240.

11768
12139
J-630
J-273
649
12066
8650(a)

×

241

2960

241.

7411

242

12099

242.

H-220

243

5383
11705

243.

G-175
5880

×

247

474

248

627
1056

×

251

2668
PI-39
1175

251.

8650(b)

×

253

5383

×

255

11349
10060
11022
4531
J-361
8360
4043
11796

255.

12704
11417

256

5617
A(a)102
4917
10058
G-217
J-579
PI-21

J-46
7411
11334
3508
J-402

257 × 260
2789
B-1341
8850(a)
7155

260a
10994
2177
10185(b)

260c ×
11039

261a
J-579

261b
114

261c
945

262
2879
1259
PIII-7
3716

× 263a
11244
11304
5482
12066

264
8154
11715
12562
10928(a)
11390
8800
11064
4971

265
10224
11136

12575
12150

× 267
10010

268
11304
1722
1423
4552
11468
272
10185(c)
10409
12329
12442(b)
2891
5498
8650(b)
1692
1419
10059
4080
11798
10814(a)
12549
A(a)279
1235
2630
10960
J-359
5617
10058
B-191
10242
10097

269
12327
12581
7483
12104
12216
12750

269a
11795
3758

12538

269b
11330
J-274
H-550

270
2430
A(a)97
10103
11756
11291
12416
2482
2868
12461
5388

270a
11696
2125
10359
10830
2867
4631
4917
5974
8650(a)

270b
11452
2281

270c
11417
8650(b)

271
J-283
11714
11467
12415(a)

272
A(b)130

272a
517

273
5082
1259

273a
2118
PI-40
PIII-7
11456

274
3725
PII-1
1199
2731
PII-21

× 275a
10176
9015
J-394

× 277
1009
2540
A(a)553
3771
4965

× 279 × 281
10960
9059

281a
11349
7354

× 283
3771
PI-2
8360
4078
H-543
J-582
116

283a
11476
A(a)106
3482
3503
J-228
11064
PI-41
J-213
J-523

283b 12216 J-575 10242 12537 3170 4531 J-329 3716
292 J-462
293 2632 2960 10928(a) J-575 8150 A(b)922 3508 7546 2879 10740
293a PIII-38
294 J-582 1419 11077 J-462 3758
295 B-(a)7
295a 10185(c)
296 B-summit
297 12060
299 12327 2785 11333 1056 6680 741

1498 PII-71 517 5974 627
301 8718
304 12099 12715 A-441 A(a)106 J-630 12377 J-455 7354 2281 11597
305 1872
307a 11349 3508
308 PIV-99 J-256 D-38 J-28 4991 1056 PIV-114
309 11458 A-263
310a 649
312 4965
312a 4531
313 PI-39
314 J-630 12377

314a 12442(a) 4080 8150 J-455 10010 1235
314b 4631 J-228 12581 5810
314c J-449
317a 1697 11467 12538 180
317b 2281
318 180
322 J-329 J-493 8921
322a 12216
323 PI-39
323a J-283
324 10409 12562 11077 2187 12415(a) 5974 2785 12747
324a 4631 1-359

325 145
325a 867 5399
326 8650(a) 12150 5253 4058 PI-42
327 8053 J-581
331 10086 11516 2700 9059 11449 11332 D-38 H-160 PI-44 5152 J-402 11334 11796 10060 11559 12649 1646 10310 10625 A-233 8650(c) 11795 12415(a) 11359 A-336 11381 10142 10137 2463 A(a)102 11077

Sign	Seal
	7006
	J-500
	10058
	G-217
	5436
	5254
	12538
	10185(a)
	2789
	4531
	10102
	11849
	145
	4079
	11331
	116
	8360
	A(a)130
	3170
	J-273
	7411
	7354
	A(i)16
	115
	781
	12751
	8650(a)
	11330
	483
331. ×	1722
333	12131
	4042
	PIV-114
333.	2879
334 ×	A(i)97
335. ×	1692
337	2930
338	11467
	3725
	11361
	7060
	11714
	9015
	8718
	4917
	11369
	180
	10695
339	11027
	PII-1
	9015
	4965
	2390
	5634
	11449
	10835(a)
	5551
	10625
	10997
	8080
	5498
339.	A(a)553
340	3961
340.	11368
	4079
340b	10224
341	10186
	2390
	2728
	5498
	8650(a)
	1419
	G-175
	1009
	4398
	117
	10185(a)
	1846
	10928(a)
	10986
	11266(a)
	11381
	12131
	12538
	G-290
	3506
	11369
	11788
	8921
	145
	H-220
	3758
	10695
	J-462
	J-579
	1055
	J-46
	11458
	474
	PII-21
	J-273
	7354
	J-580
	12185
	J-274
	J-575
	J-582
	2786
	116
	5254
341. ×	8650(a)
344	12002
	A(i)22
	398
	1199
	5551
	11368
	J-274
	11359
	114
345	5880
346	4396
	1697
	10928(a)
	8800
	398
	12548
	1846
	A-336
	A(a)553
	10137
	5388
	945
	1240
	10997
	11942
	A(a)922
	116
	2786
	12131
	3725
	10011
	8650(a)
	J-273
	12493
	A(a)130
	11392
	10831
346. ×	PI-4
349	2254
	B-101
	517
× 356. ×	11331
359	A(a)130
× 360. ×	PI-2
365.	3459

Sign	Text no.
365b ×	7786
369	J-494
369a	11795
369b	5633
370	10359
	2367
	11768
	5617
	5634
	10928(a)
	11266(c)
	3975
	5253
	7663
	11849
	12329
370a	10363
370b	1423
371	5367
372 ×	2789
377	10260
	PII-71
	272
	11696
377a	11341
377b	J-500
378	J-548
	B-234
	PIII-7
	PI-40
	3772

Sign	Text no.
378a	1419
	12139
378b	2731
378c	3757
379 ×	8650(a)
382	11449
383	4588
	10186
	8800
	12750
	11417
	1200
	4971
383a	7409
	5724
	5617
	3803
	4553
	1500
	7663
	12414(a)
	H-160
	J-361
	474
	J-46
383b	11022
	8650(a)
383c ×	3975
386	J-580
	8154
	8650(a)
	G-107
	J-322
	12180
	2254
	2367

Sign	Text no.
	2177
	2463
	649
	10185(a)
386a	12002
	7006
386b	A(1)9
	2789
	4079
×	
—	H-80
388	1330
	11390
	12150
	2630
	H-637
	8350
	3545
	867
	11756
388a	11468
	10178
	J-219
	10103
	7098
	A-336
	2867
388b	1842
	2482
	J-283
	11377
	12215
	1379
	2257
	10830
389 ×	11110
391 ×	11796
393a ×	J-20

Sign	Text no.
395	12752
	PIII-38
	5399
	10831
	B-(a)7
	2482
	4553
	PI-42
	1500
×	
397	10361
	12414(a)
	5219
397a	12751
398	J-579
399	11705
400	11449
401	10185(a)
402	J-20
	10779
403	H-715
404	4041
404a	12251
405	7787
406	2785
407	1498
407a	12576
408	J-274
409	11850
	2632

409. 11392, 5211

410. 12493, 3758

411. A-263

412. 2430

413. 10929

414. J-359, 7411, 2785

415. A(a)279

416. 4051

417. J-466

418. 12576

419. 3644, 11333, 10242

420. 11390, 12461

421. 10830

422. 8650(b), 116

423. 4078, 11853, 4765, 12537, B-491

424. 4531

425. 3170

426. 7364, A(a)922

427. 2531

428. 11377

429. 1055

430. 2867

431. 2891

432. 11379

433. 9041

434. D-951

435. 12416

436. 12752

437. H-80, 4076, 3757, 11695

437a. G-290

438. 12414(a), PII-23, 5388, 5436, 3716, 10929, 94, 11705, D-38, 5399, H-160, A(a)553, A(a)922

438a. 180

439. 398, 3725

440. A(a)62, J-548

441. 5975, 11064, 10182, 10814(a), 1055, H-611, 12548, 12139, 12164, 2266, 11368, 2540, 649, J-273, 4179, 11850, H-441(a), 11852, J-481, 4015, A-214, 4042

441a. 5219, 11849, 12377

442. J-20

443. 5253

444. J-466

445. 10960

446. 10960

447. 4531

448. 12415(a)

449. B-234

450. 2187

Sign Manual Ends.

INSCRIPTIONS COMMON TO HARAPPA AND MOHENJO-DARO.

Harappa Photo No. of Seal.	Inscription.	M. I. C. Photo No. of Seal.
166		287
211		168
629		366
18		5
374 *		261
286		252
246		169

* This is a Seal Impression.

+ The following signs also occur at Mohenjo-daro but are not shown separately in M. I. C.

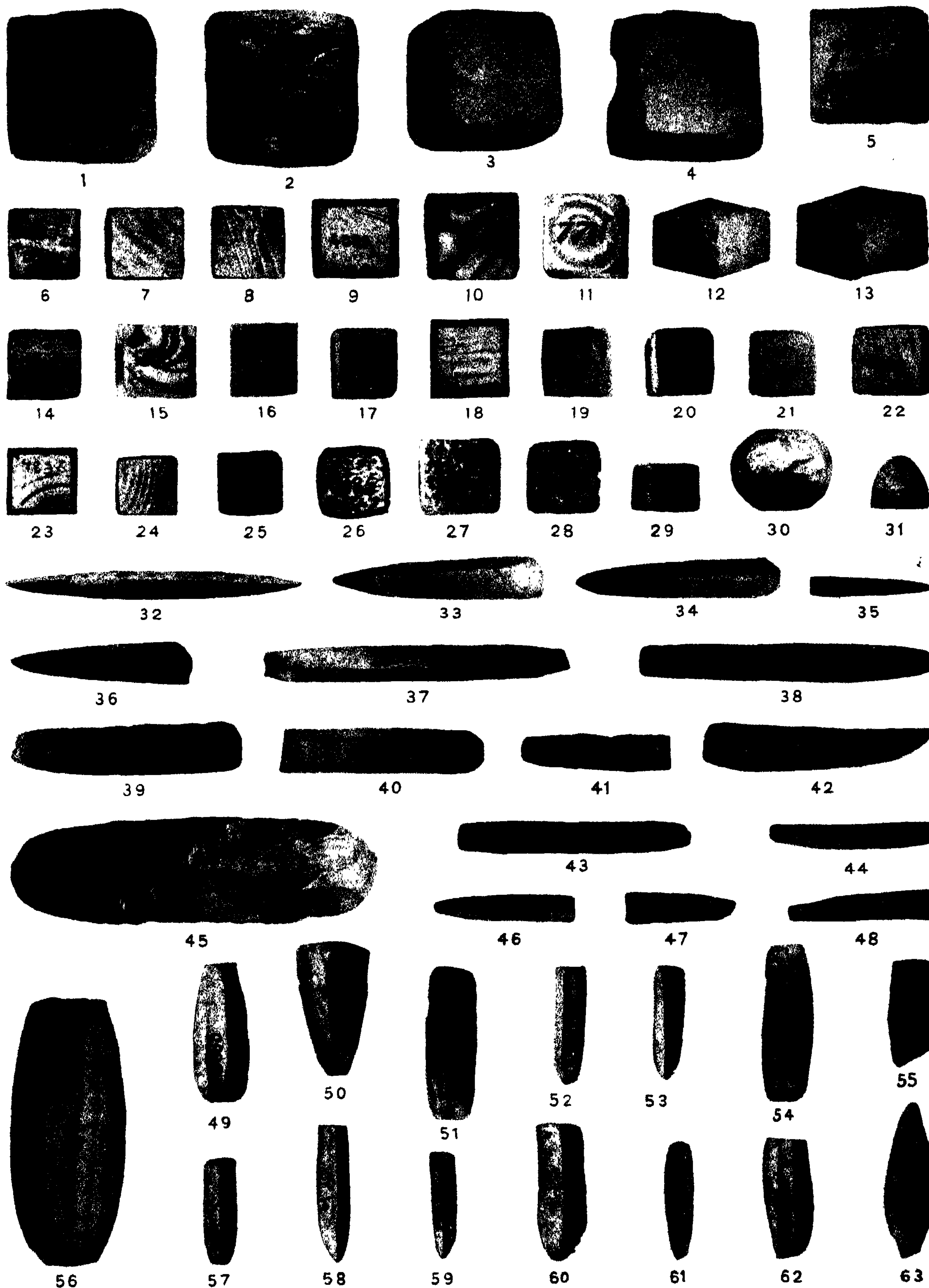
Harappa Sign No.	Sign.	M. I. C. Photo No. of Seal.
40a		394
295a		550
383a		28
438		H150 (Pl. CXIX, under Sign No. 2.)
439		6
440		451
441		220

Signs found only at Mohenjo-daro.

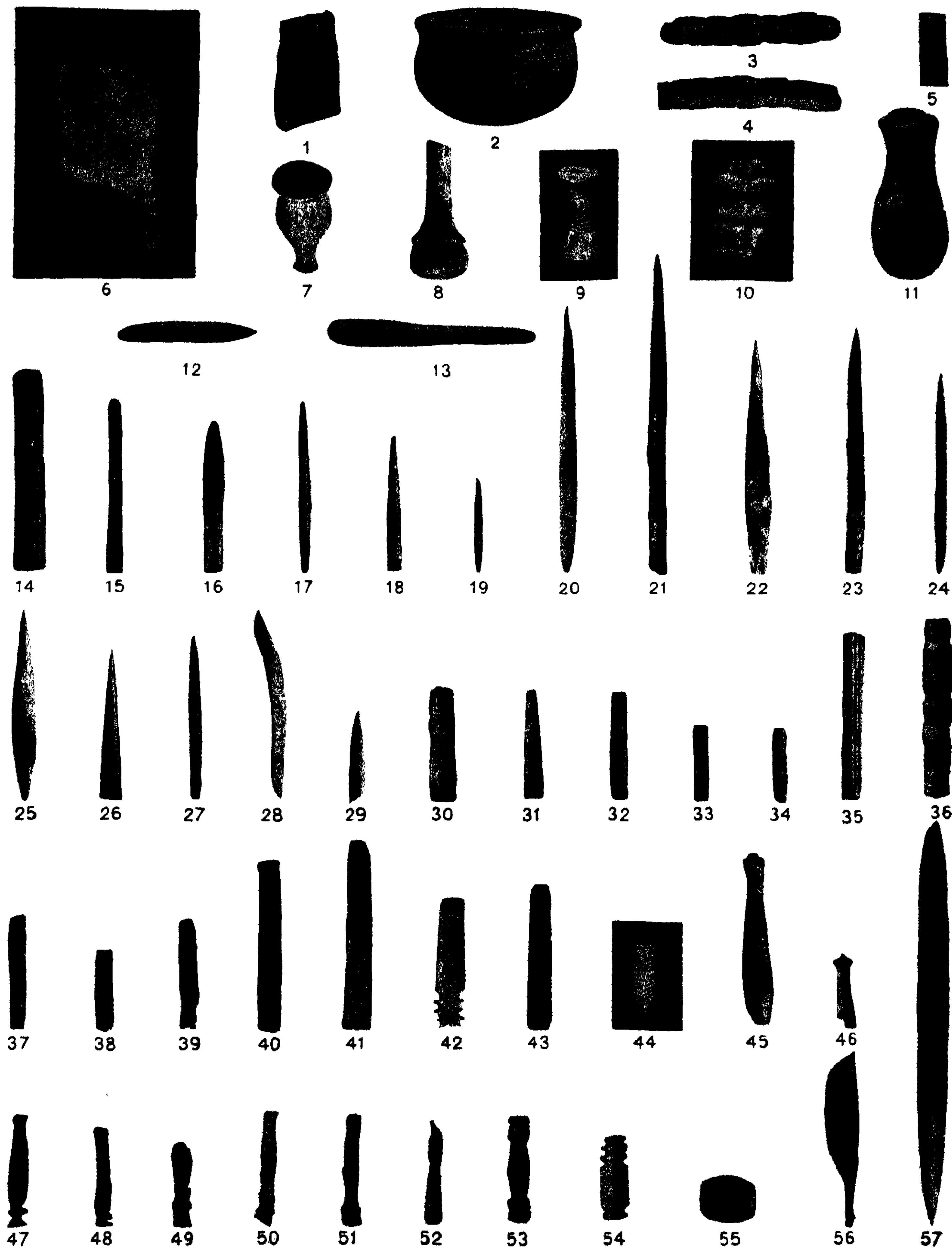
Sign.	Mohenjo-daro Seal No.
	539
	325



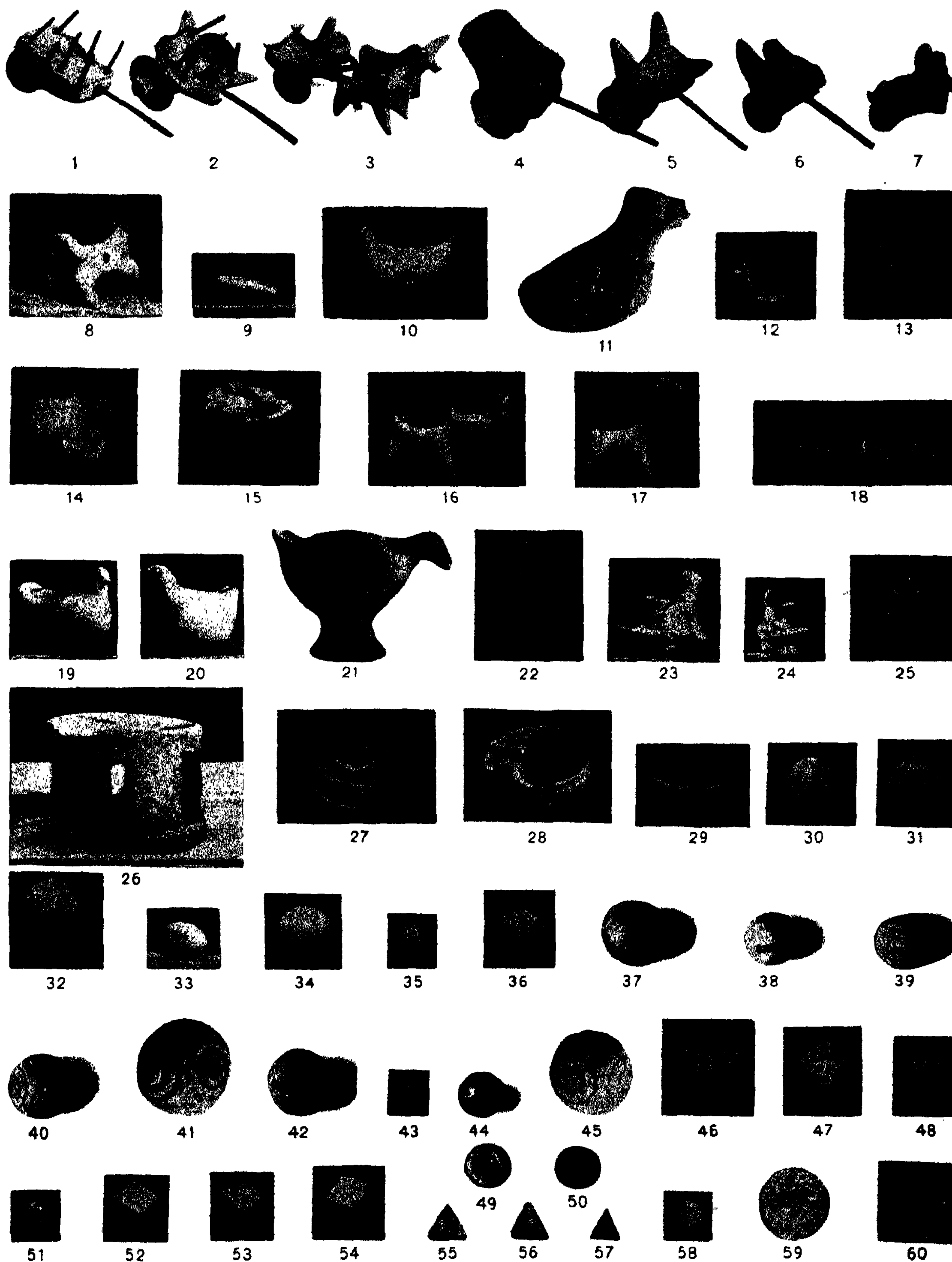
MISCELLANEOUS CULT AND HOUSEHOLD OBJECTS.



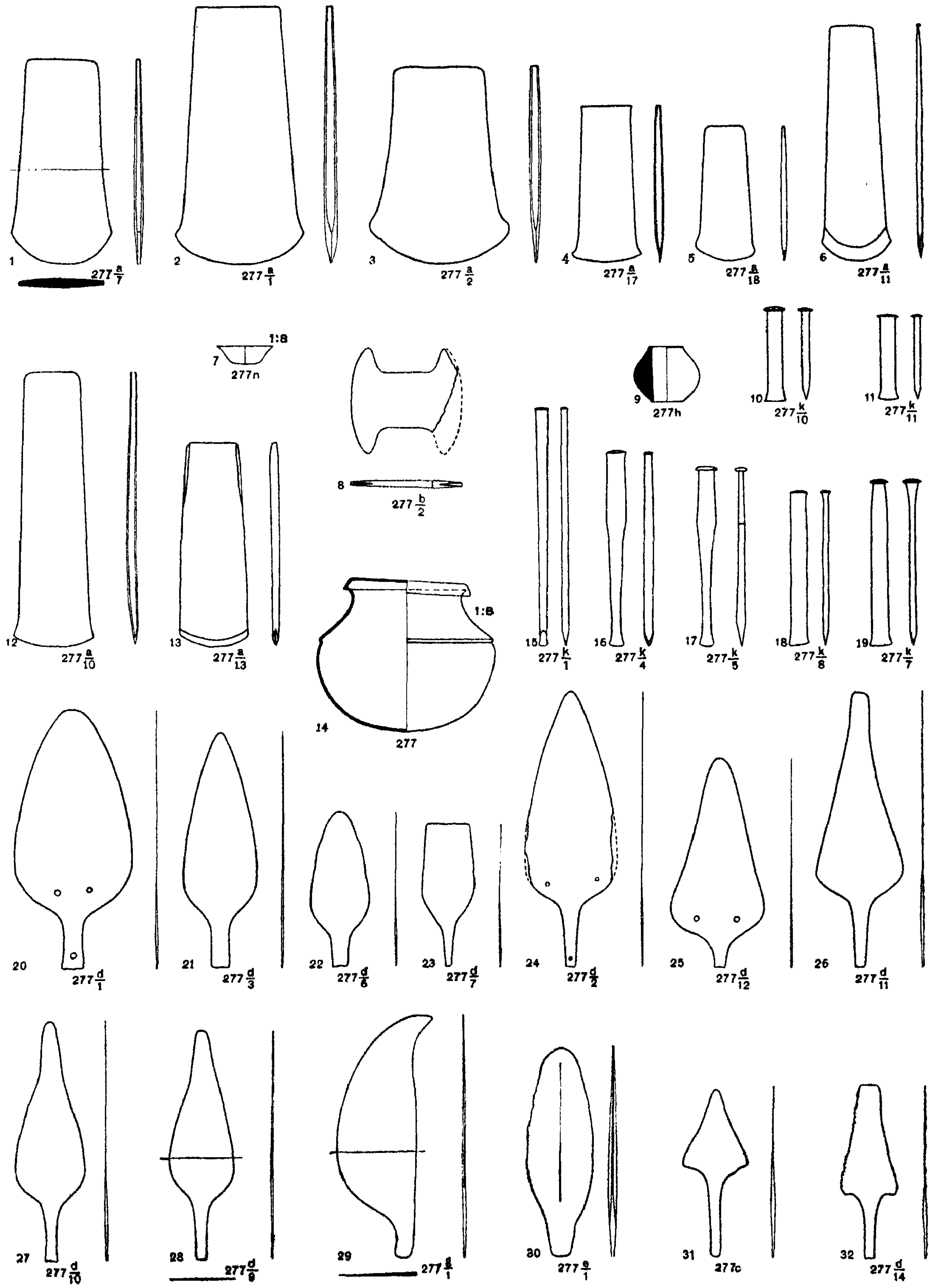
STONE AND CHERT WEIGHTS, POLISHERS, KNIVES, CORES AND AN ARROWHEAD.



Bone and ivory objects.



PLAYTHINGS AND GAMESMEN.


COPPER JAR No. 277 & ITS CONTENTS
SCALE 1:4
1 277 a/7
2 277 a/1
3 277 a/2
4 277 a/17
5 277 a/18
6 277 a/11
7 277n 1:8
8 277 b/2
9 277h
10 277 k/10
11 277 k/11
12 277 a/10
13 277 a/13
14 277 1:8
15 277 k/1
16 277 k/4
17 277 k/5
18 277 k/8
19 277 k/7
20 277 d/1
21 277 d/3
22 277 d/6
23 277 d/7
24 277 d/2
25 277 d/12
26 277 d/11
27 277 d/10
28 277 d/9
29 277 g/1
30 277 e/1
31 277c
32 277 d/14

COPPER & BRONZE WEAPONS, IMPLEMENTS, & UTENSILS

SCALE 1:4

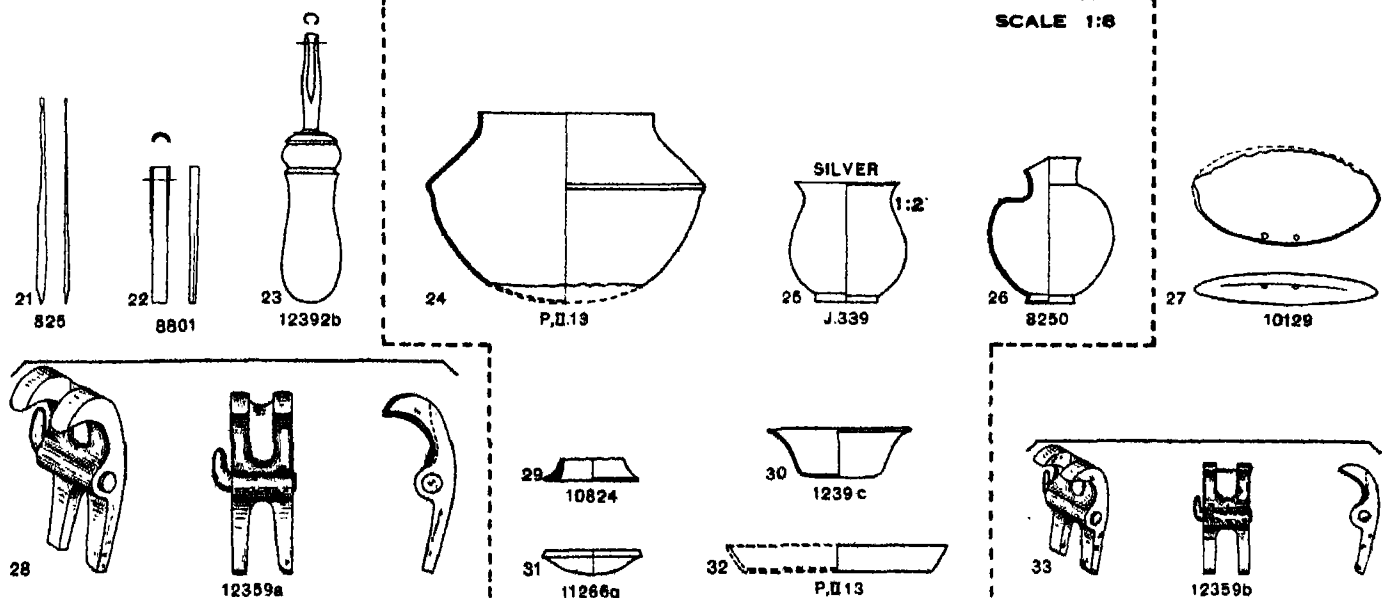
1 277 $\frac{f}{5}$ 2 277 $\frac{f}{1}$ 3 277 $\frac{f}{3}$ 4 277 $\frac{f}{4}$ 5 277 $\frac{f}{7}$ 6 277 $\frac{f}{6}$ 7 277 $\frac{e}{2}$

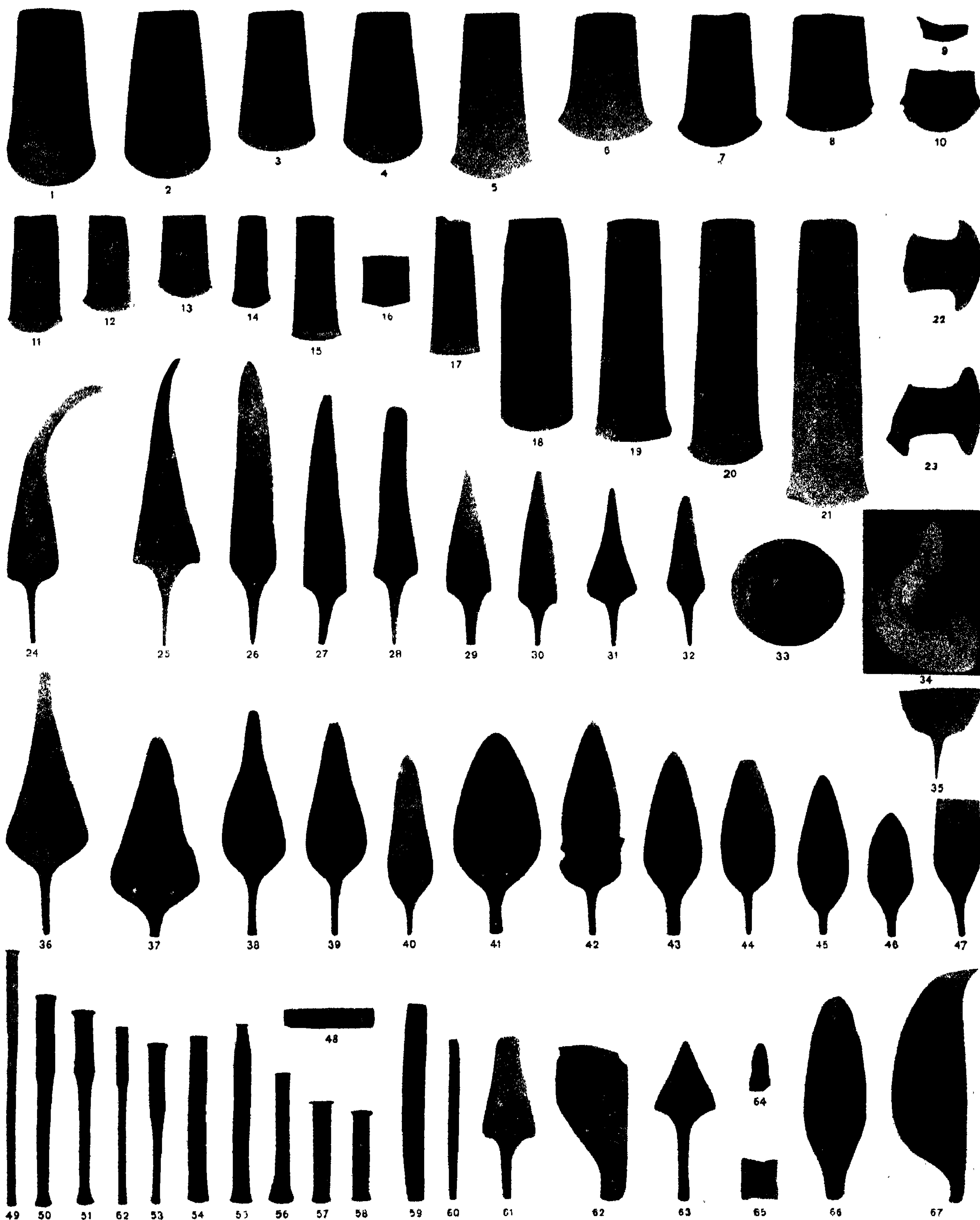
8 3291 9 2980 10 3550 11 181 12 3373 13 Ae 342

14 A 608 15 10225 16 11292 17 2892 18 12393 19 10185j

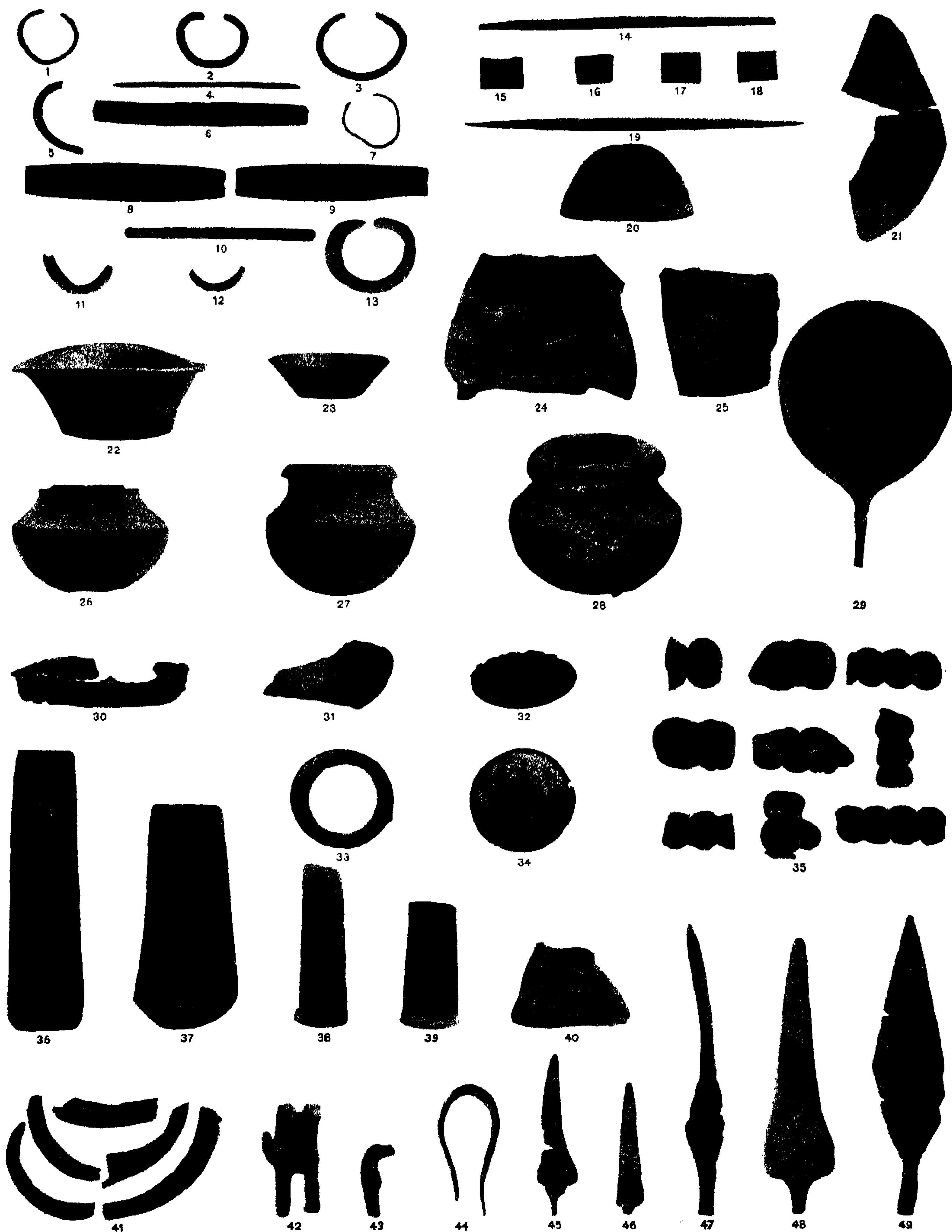
GRANITE

20 12225

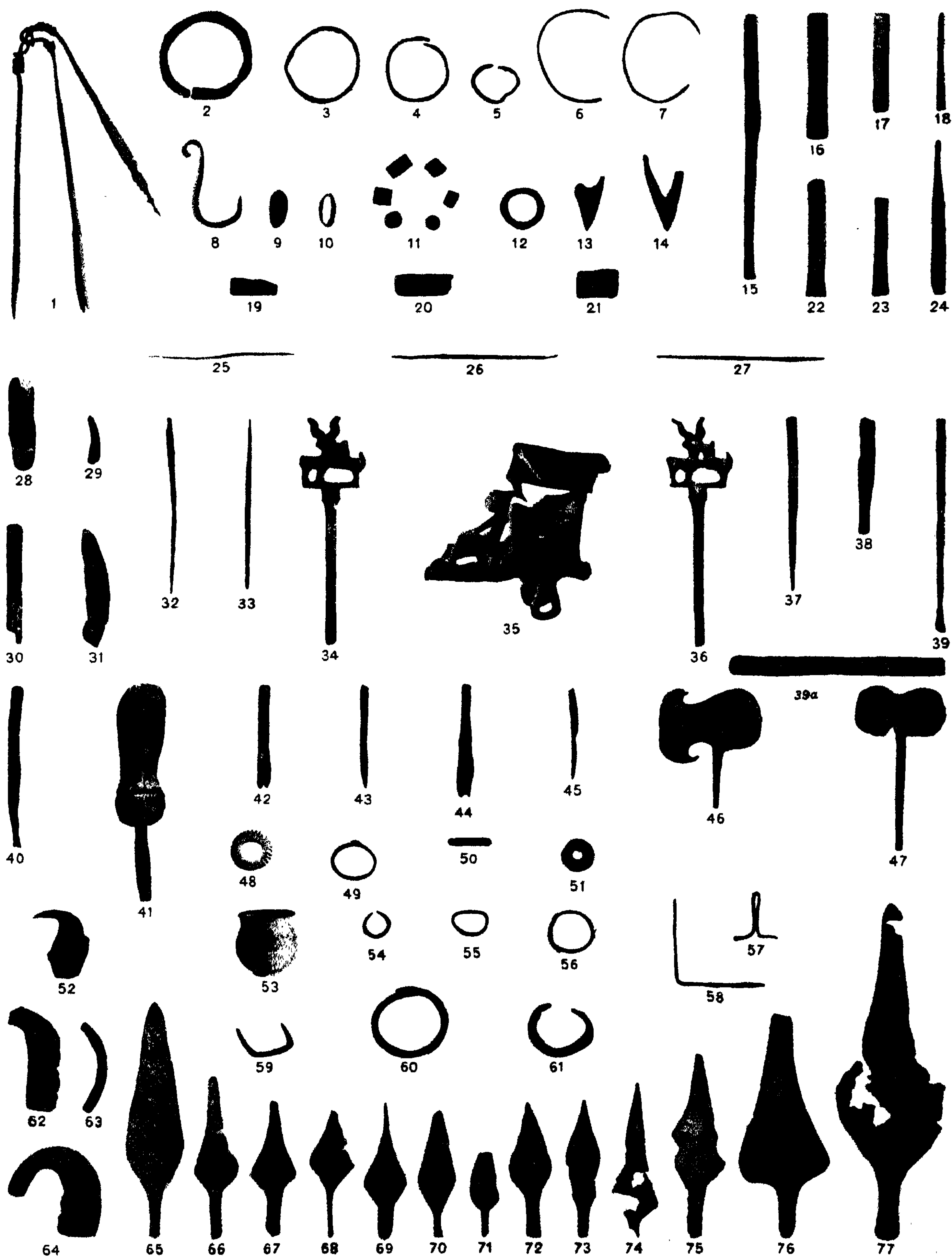




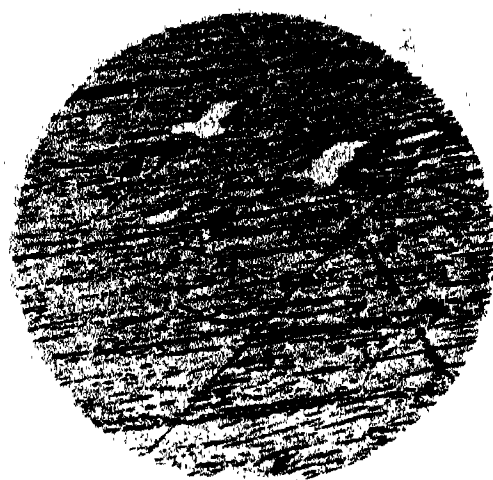
CONTENTS OF COPPER JAR NO. 277 AND MARBLE MACEHEAD NO. 573.



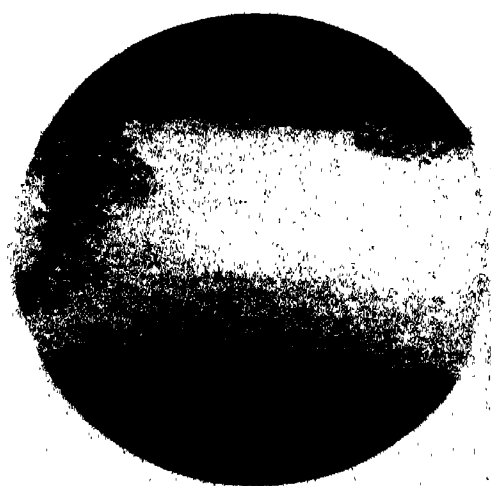
COPPER AND BRONZE ORNAMENTS, UTENSILS, IMPLEMENTS, WEAPONS, ETC.



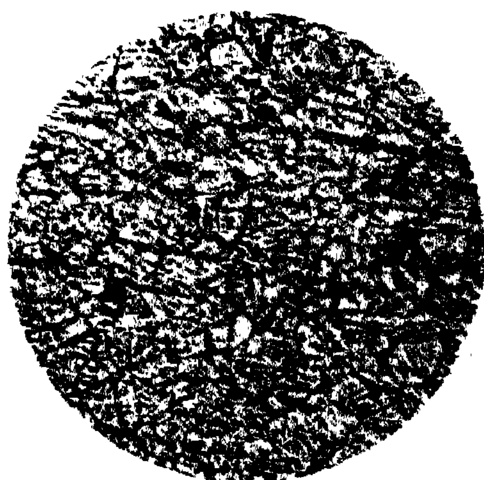
COPPER, BRONZE, SILVER AND GOLD OBJECTS.



No. 1
AFTER LIGHT ETCHING MAGFN. × 200



No. 3
MAGNIFICATION × 10.

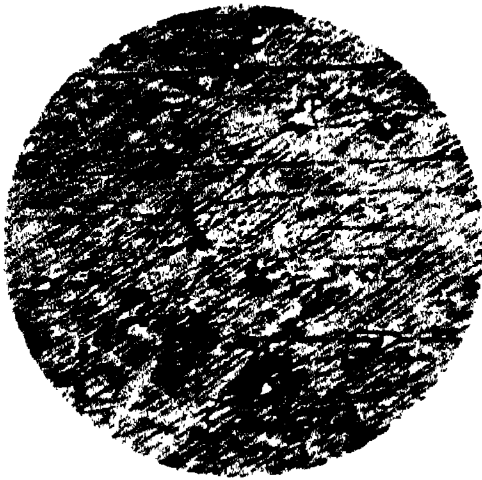


No. 5
MAGNIFICATION × 100.



No. 7
MAGNIFICATION × 500.

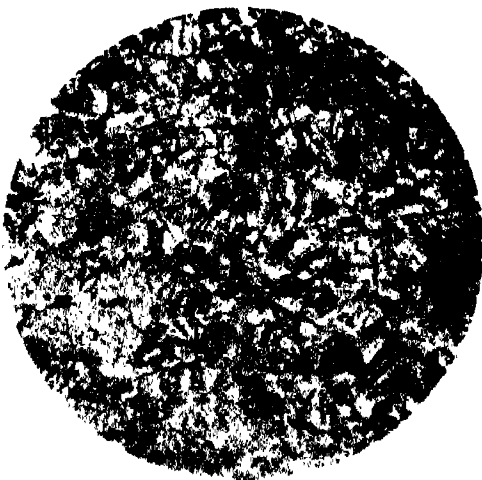
MICROPHOTOGRAPHS OF SPECIMEN '×' (CHISEL).



No. 2.
AFTER LIGHT ETCHING MAGFN. × 200.



No. 4.
MAGNIFICATION × 10.

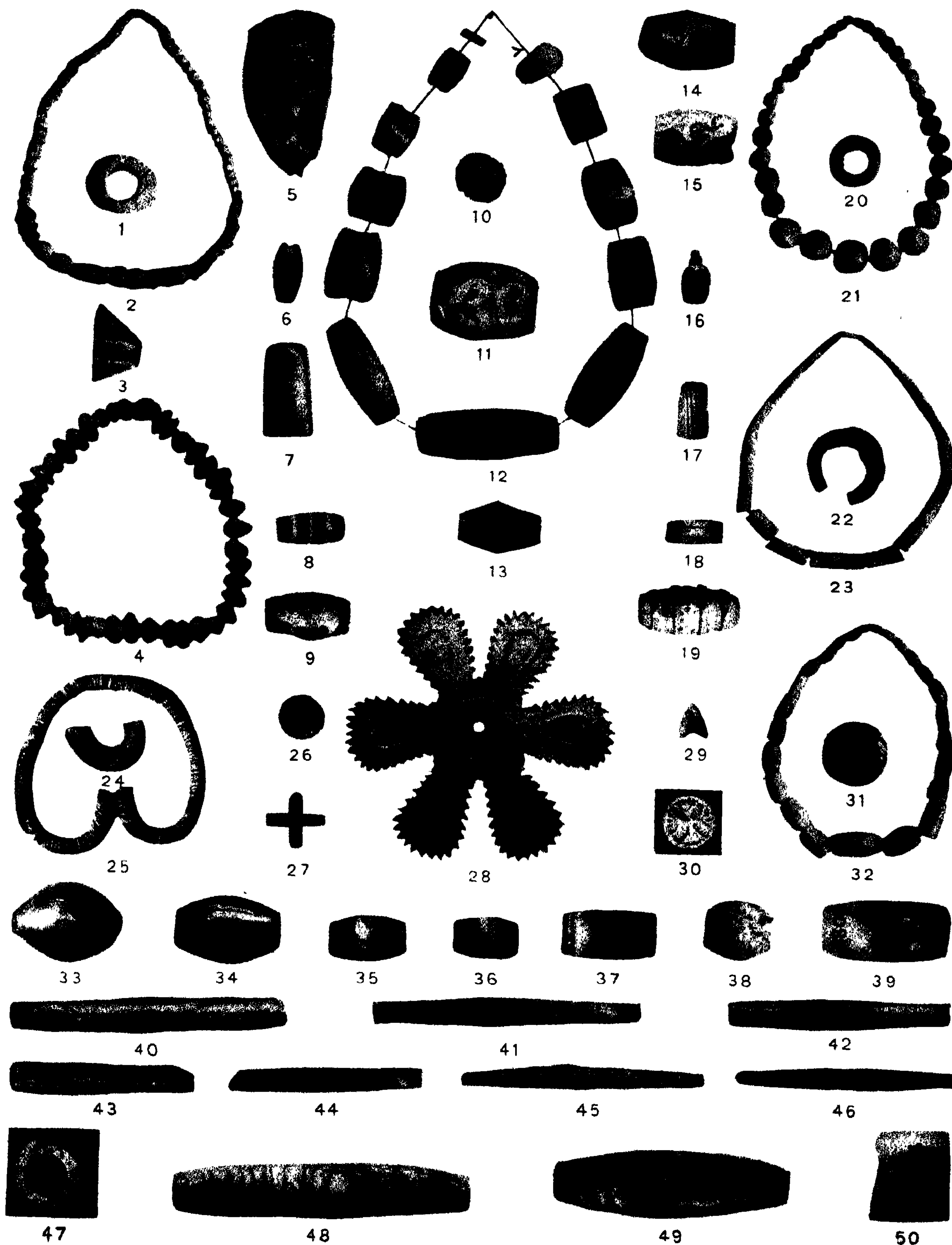


No. 6.
MAGNIFICATION × 100.

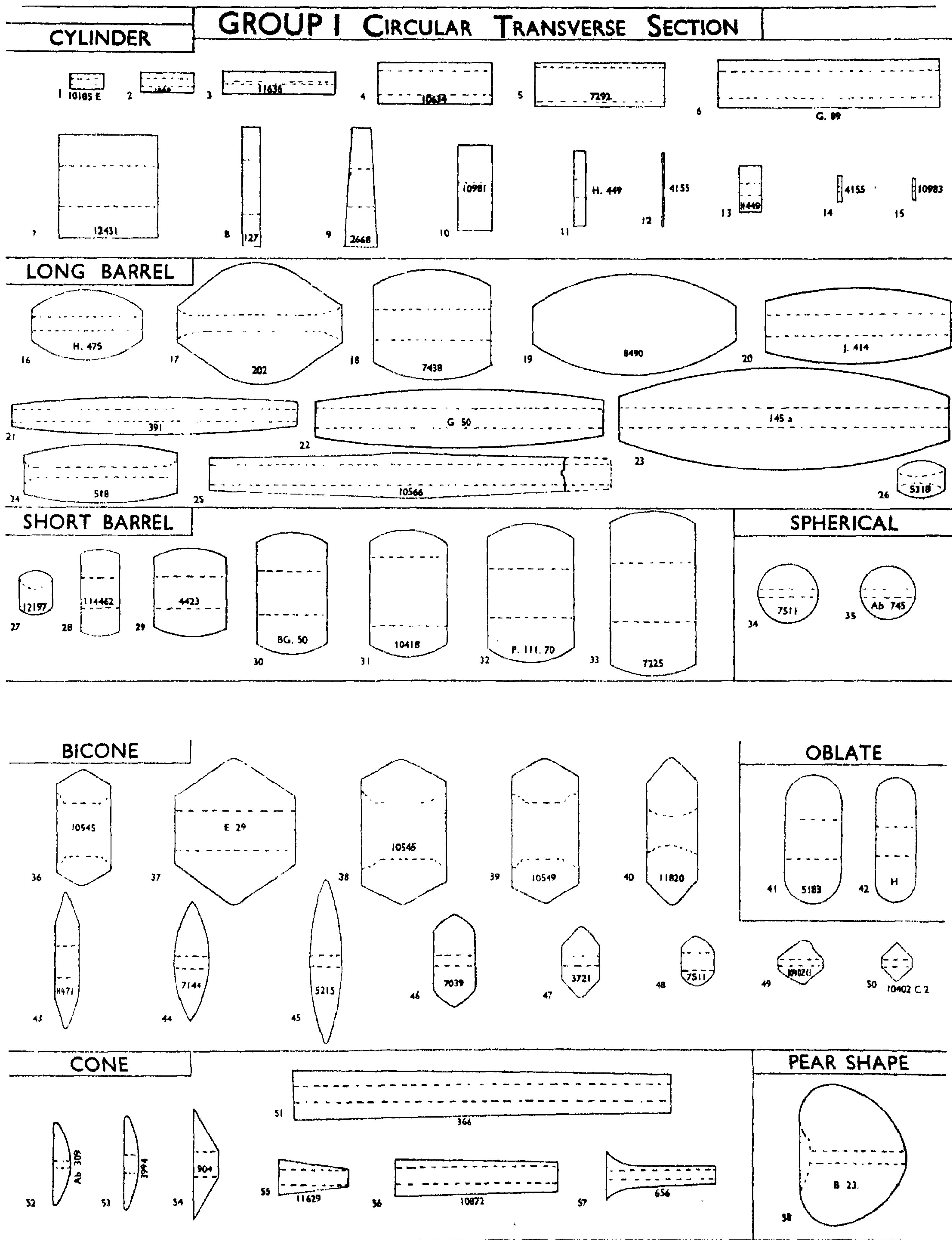


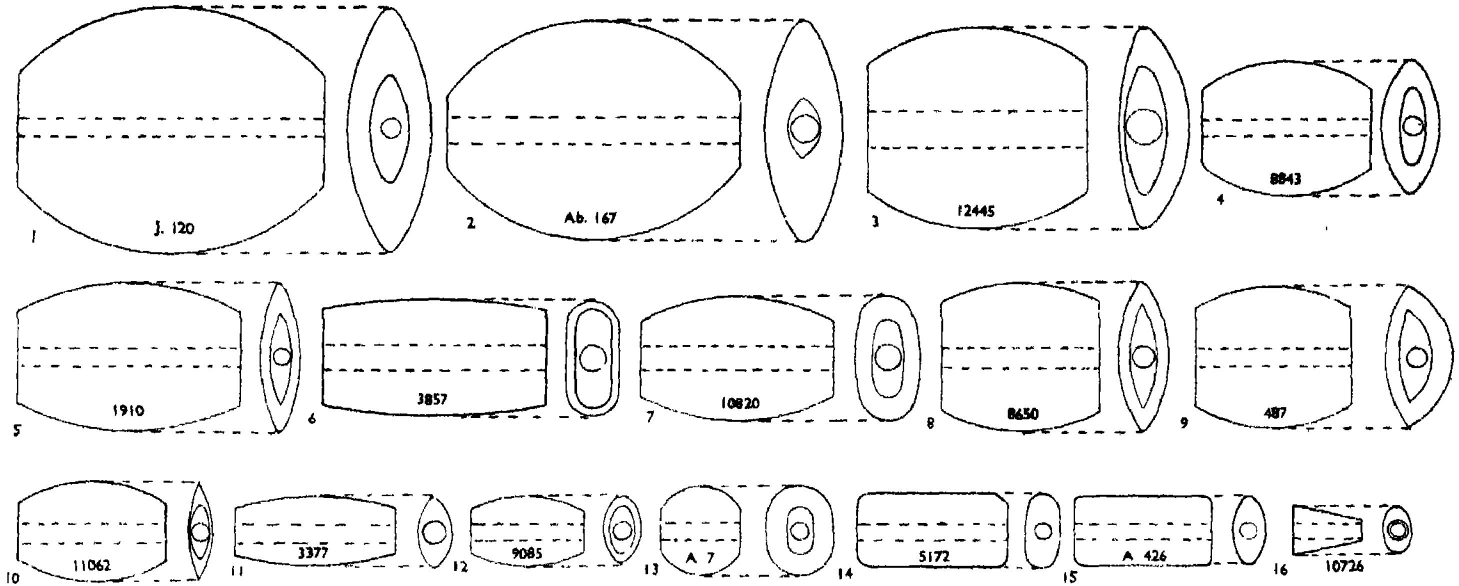
No. 8.
MAGNIFICATION × 500.

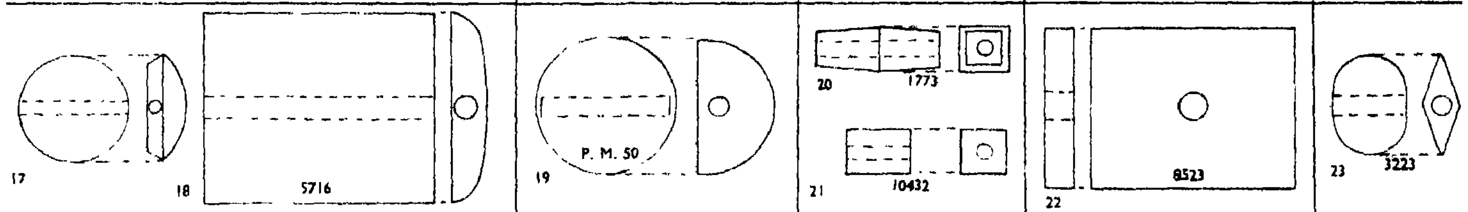
MICROPHOTOGRAPH OF SPECIMEN 277 a/21 (CELT).

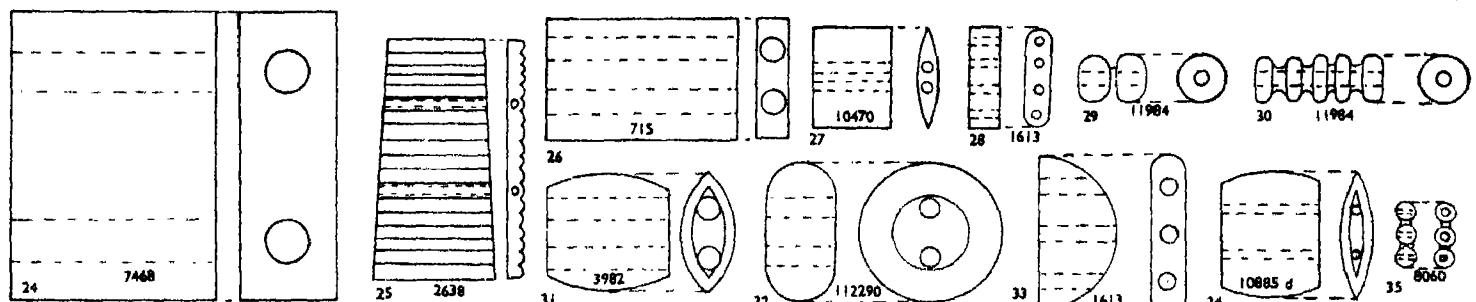


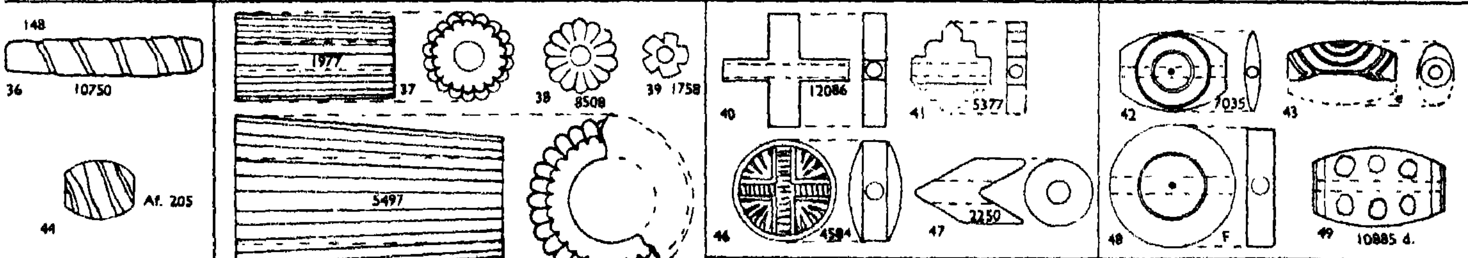
MISCELLANEOUS BEADS.

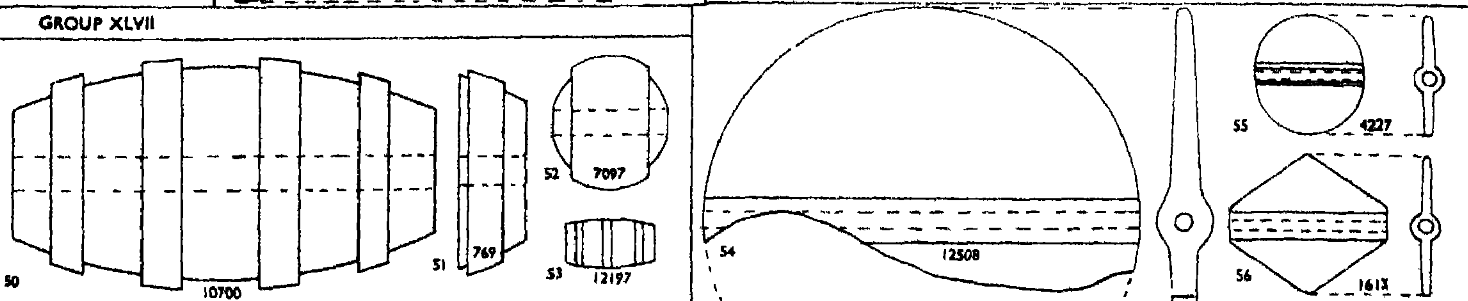

GROUP I CIRCULAR TRANSVERSE SECTION
CYLINDER
LONG BARREL
SHORT BARREL
SPHERICAL
BICONE
OBLATE
CONE
PEAR SHAPE
10185 E
11636
7292
G. 89
12431
127
2668
10981
H. 449
4155
10983
H. 475
202
7438
8490
J. 414
391
G 50
145 a
518
10566
5318
12197
114462
4423
BG. 50
10418
P. 111. 70
7225
7511
Ab 745
10545
E 29
10549
11820
5183
H
7144
5215
7039
3721
10402 C 2
Ab 309
3994
904
366
11629
10872
656
B 23.


GROUPS II & IV ELLIPTICAL AND LENTICULAR
1 J. 120
2 Ab. 167
3 12445
4 8843
5 1910
6 3857
7 10820
8 8650
9 487
10 11062
11 3377
12 9085
13 A 7
14 5172
15 A 426
16 10726


GROUP V PLANO CONVEX
GROUP VI SEMICIRCULAR
GROUP IX SQUARE
GROUP X RECTANGULAR
G. XI DIAMOND
17
18 5716
19 P. M. 50
20 1773
21 10432
22 8523
23 3223


GROUP XVII MULTIPLE and SPACING
24 7468
25 2638
26 715
27 10470
28 1613
29 11984
30 11984
31 3982
32 112290
33 1613
34 10885 d
35 8060


SPIRAL
GROUP XXIII NOTCHED and GADROONED
GROUP XXIX EMBLEMS CROSS STEPS
GROUP XLVI EYE BEADS
148
36 10750
44 Af. 205
1977
37
38 8508
39 1758
5497
45
40 12086
41 5377
46 4584
47 2250
42 7035
43
48 F
49 10885 d.


GROUP XLVII
GROUP XLVIII SUNDRY-16 R
50 10700
51 769
52 7097
53 12197
54 12508
55 4227
56 1613